

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121324\
 Data File : VY020603.D
 Acq On : 13 Dec 2024 16:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 13 22:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.719	168	174847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	285490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	240960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	117929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	101332	56.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.960%	
35) Dibromofluoromethane	7.646	113	99494	55.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.720%	
50) Toluene-d8	10.115	98	357392	52.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	12.414	95	127316	53.190	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 106.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	70322	41.232	ug/l	98
3) Chloromethane	2.074	50	63939	37.026	ug/l	99
4) Vinyl Chloride	2.214	62	55620	31.590	ug/l	97
5) Bromomethane	2.611	94	34849	33.734	ug/l	99
6) Chloroethane	2.745	64	37288	34.554	ug/l	99
7) Trichlorofluoromethane	3.074	101	131649	39.923	ug/l	95
8) Diethyl Ether	3.470	74	49787	53.287	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.830	101	86984	45.272	ug/l	97
10) Methyl Iodide	4.019	142	105599	48.958	ug/l	99
11) Tert butyl alcohol	4.897	59	33477	290.216	ug/l	99
12) 1,1-Dichloroethene	3.805	96	85173	46.926	ug/l	97
13) Acrolein	3.665	56	15493	143.453	ug/l	97
14) Allyl chloride	4.397	41	159870	49.385	ug/l	94
15) Acrylonitrile	5.080	53	110325	283.399	ug/l	99
16) Acetone	3.891	43	110225	249.292	ug/l	98
17) Carbon Disulfide	4.122	76	240443	46.285	ug/l	99
18) Methyl Acetate	4.403	43	56154	59.754	ug/l	98
19) Methyl tert-butyl Ether	5.141	73	245227	52.905	ug/l	98
20) Methylene Chloride	4.635	84	100127	53.234	ug/l	100
21) trans-1,2-Dichloroethene	5.135	96	95793	47.517	ug/l	96
22) Diisopropyl ether	6.037	45	345181	53.623	ug/l	98
23) Vinyl Acetate	5.976	43	888681	261.005	ug/l	100
24) 1,1-Dichloroethane	5.933	63	193921	50.038	ug/l	100
25) 2-Butanone	6.915	43	149925	268.527	ug/l	97
26) 2,2-Dichloropropane	6.902	77	149475	40.779	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	118244	50.231	ug/l	96
28) Bromochloromethane	7.262	49	90879	62.795	ug/l	98
29) Tetrahydrofuran	7.274	42	91029	285.791	ug/l	99
30) Chloroform	7.433	83	195730	49.210	ug/l	98
31) Cyclohexane	7.713	56	150726	43.020	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	168942	44.111	ug/l	98
36) 1,1-Dichloropropene	7.847	75	132391	43.620	ug/l	99
37) Ethyl Acetate	7.000	43	65683	54.625	ug/l	97
38) Carbon Tetrachloride	7.829	117	150731	41.611	ug/l	96
39) Methylcyclohexane	9.116	83	159917	42.461	ug/l	96
40) Benzene	8.091	78	420487	46.989	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	37064	54.222	ug/l	97
42) 1,2-Dichloroethane	8.171	62	113587	48.307	ug/l	99
43) Isopropyl Acetate	8.207	43	132133	54.419	ug/l	99
44) Trichloroethene	8.878	130	101168	45.860	ug/l	99
45) 1,2-Dichloropropane	9.152	63	102671	49.029	ug/l	97
46) Dibromomethane	9.244	93	52849	50.972	ug/l	97
47) Bromodichloromethane	9.433	83	147632	48.329	ug/l	99
48) Methyl methacrylate	9.231	41	60189	53.159	ug/l	96
49) 1,4-Dioxane	9.250	88	10884	1098.227	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	332790	277.534	ug/l	98
52) Toluene	10.176	92	258011	46.212	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	131715	48.028	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	159213	49.123	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	70410	50.908	ug/l	99
56) Ethyl methacrylate	10.445	69	103971	53.129	ug/l	95
57) 1,3-Dichloropropane	10.725	76	126510	51.080	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	274886	300.005	ug/l	99
59) 2-Hexanone	10.768	43	227536	263.035	ug/l	98
60) Dibromochloromethane	10.920	129	96261	49.990	ug/l	99
61) 1,2-Dibromoethane	11.024	107	64992	51.385	ug/l	98
64) Tetrachloroethene	10.652	164	103146	50.660	ug/l	95
65) Chlorobenzene	11.450	112	276391	45.762	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	98456	45.965	ug/l	99
67) Ethyl Benzene	11.524	91	500290	44.191	ug/l	99
68) m/p-Xylenes	11.639	106	366022	88.295	ug/l	100
69) o-Xylene	11.963	106	177060	45.591	ug/l	99
70) Styrene	11.975	104	299340	46.199	ug/l	100
71) Bromoform	12.139	173	54924	50.434	ug/l #	99
73) Isopropylbenzene	12.261	105	473074	41.460	ug/l	100
74) N-amyl acetate	12.078	43	112851	50.461	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	80384	48.988	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	63105m	52.530	ug/l	
77) Bromobenzene	12.542	156	103580	43.835	ug/l	98
78) n-propylbenzene	12.603	91	563498	41.711	ug/l	99
79) 2-Chlorotoluene	12.688	91	324145	42.522	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	380462	41.609	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	26226	44.794	ug/l	95
82) 4-Chlorotoluene	12.786	91	327442	42.092	ug/l	100
83) tert-Butylbenzene	13.005	119	340523	41.191	ug/l	100
84) 1,2,4-Trimethylbenzene	13.054	105	378453	42.583	ug/l	99
85) sec-Butylbenzene	13.182	105	494218	41.715	ug/l	99
86) p-Isopropyltoluene	13.298	119	410415	41.920	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	203925	44.749	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	197878	44.355	ug/l	99
89) n-Butylbenzene	13.627	91	386090	42.519	ug/l	99
90) Hexachloroethane	13.889	117	82662	43.324	ug/l	95
91) 1,2-Dichlorobenzene	13.670	146	178211	46.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	12303	49.527	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	104957	48.299	ug/l	98
94) Hexachlorobutadiene	15.035	225	66752	43.909	ug/l	99
95) Naphthalene	15.157	128	184537	52.477	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	87969	50.169	ug/l	98

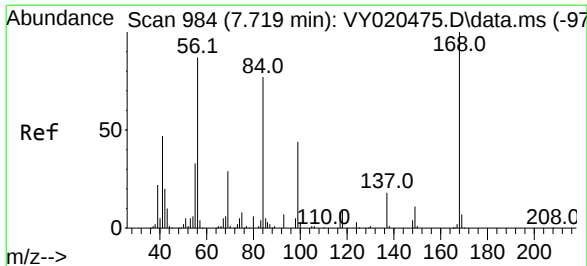
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

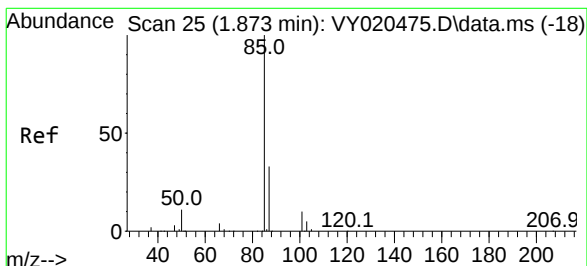
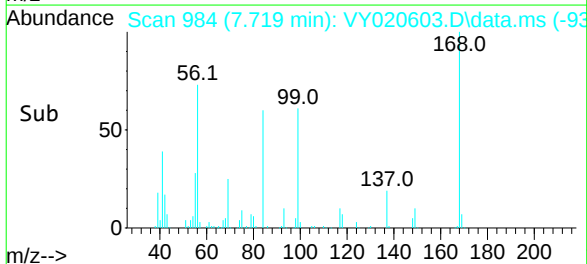
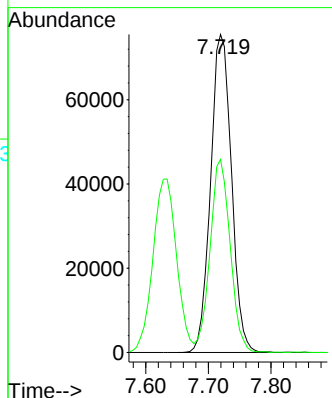
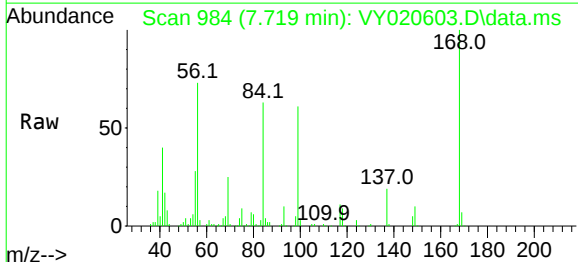
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

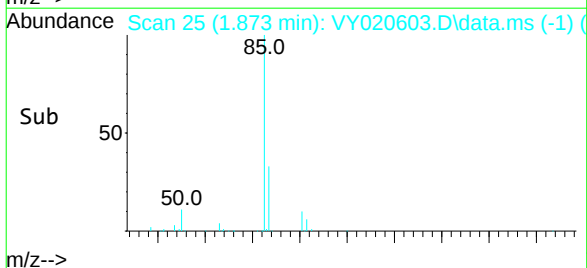
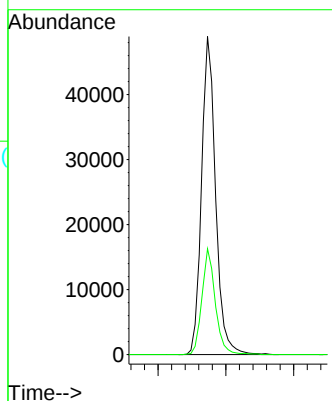
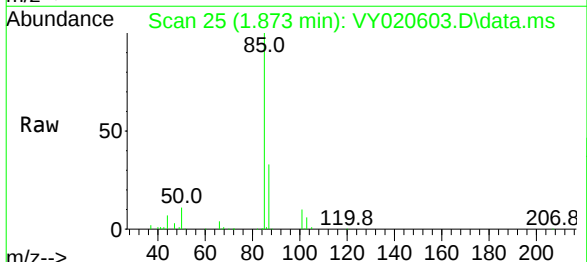
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 174847
Ion Ratio Lower Upper
168 100
99 60.6 46.6 69.8

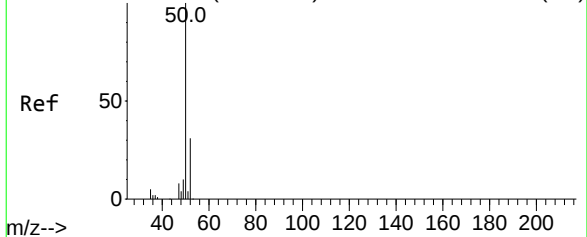


#2
Dichlorodifluoromethane
Concen: 41.232 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 85 Resp: 70322
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.2

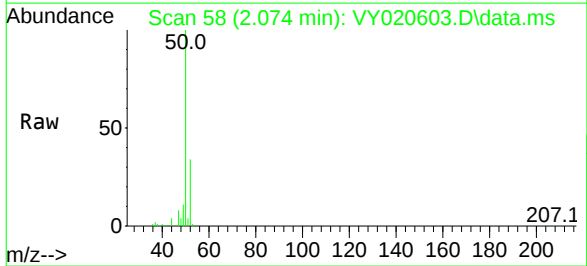


Abundance Scan 59 (2.080 min): VY020475.D\data.ms (-51)

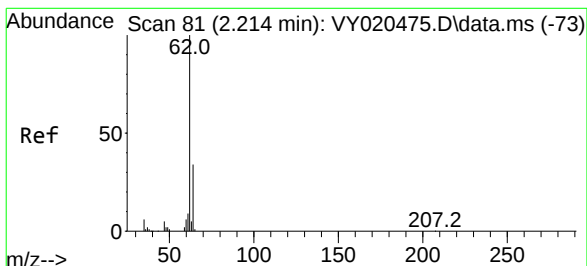
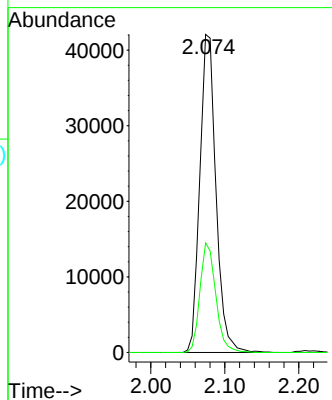
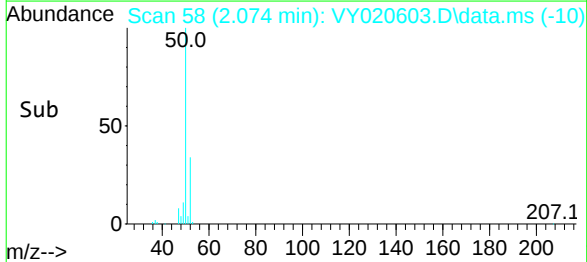


#3
Chloromethane
Concen: 37.026 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.006 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Instrument :
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ClientSampleId :
VSTDCCC050EC

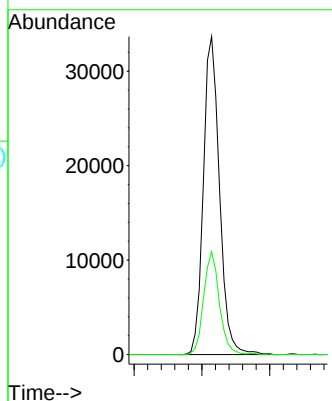
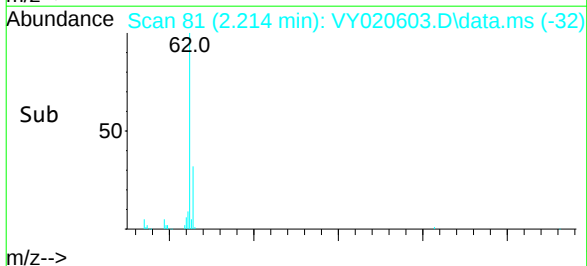
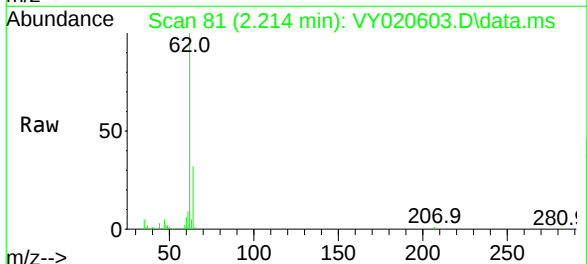


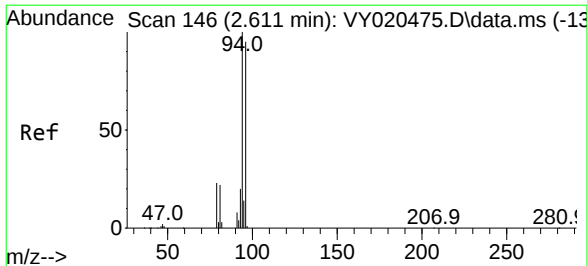
Tgt Ion: 50 Resp: 63939
Ion Ratio Lower Upper
50 100
52 34.4 26.9 40.3



#4
Vinyl Chloride
Concen: 31.590 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 62 Resp: 55620
Ion Ratio Lower Upper
62 100
64 32.3 24.7 37.1

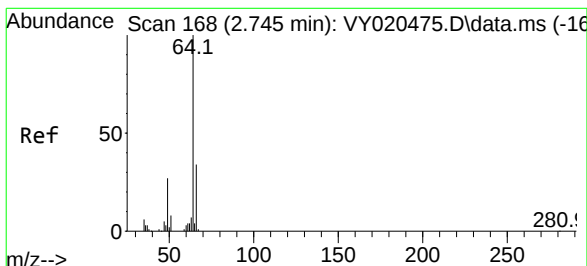
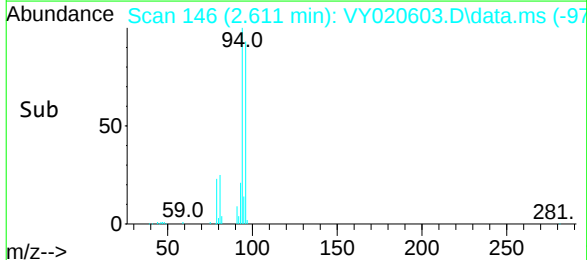
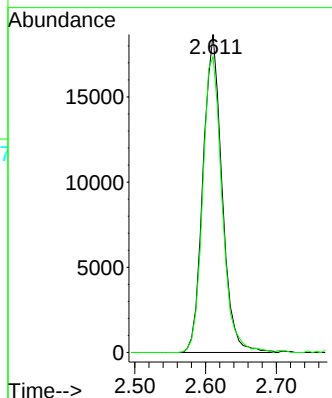
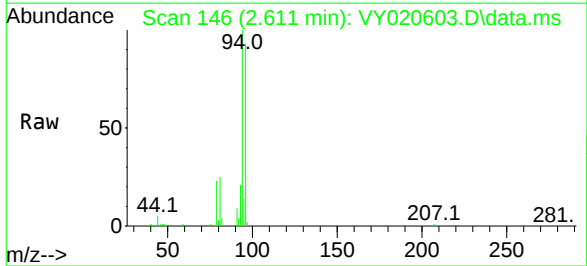




#5
Bromomethane
Concen: 33.734 ug/l
RT: 2.611 min Scan# 146
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

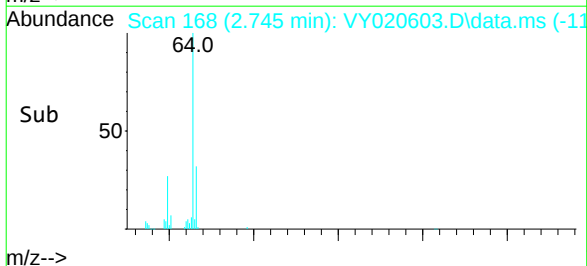
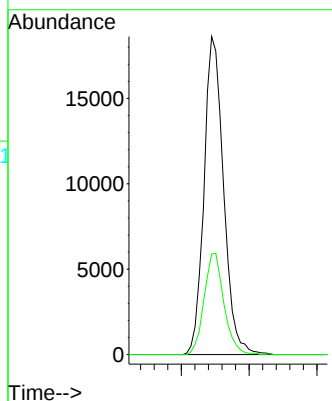
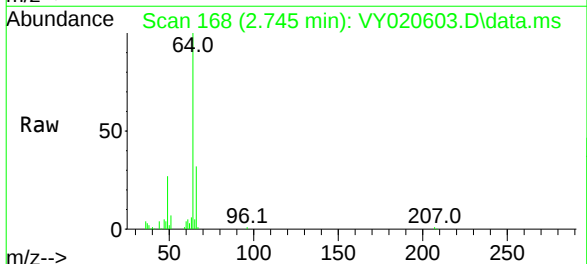
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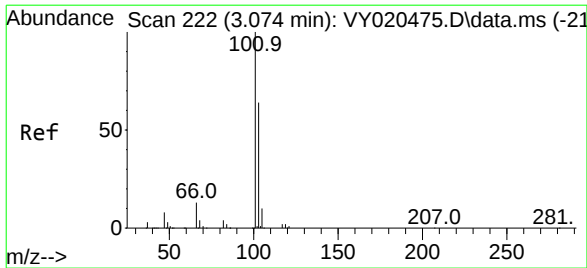
Tgt Ion: 94 Resp: 34849
Ion Ratio Lower Upper
94 100
96 93.0 75.4 113.2



#6
Chloroethane
Concen: 34.554 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 64 Resp: 37288
Ion Ratio Lower Upper
64 100
66 31.6 25.7 38.5

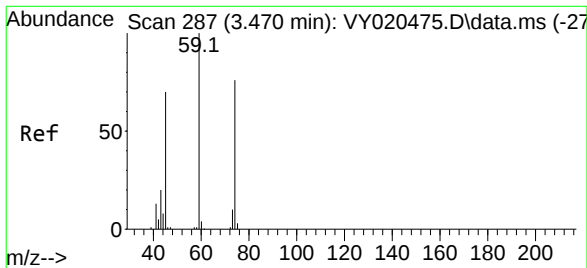
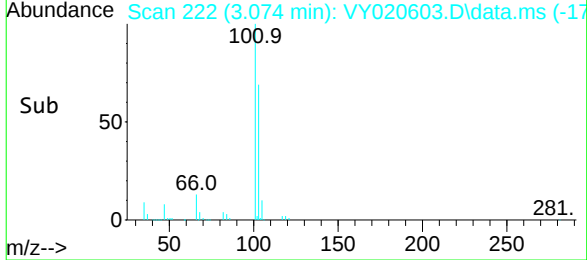
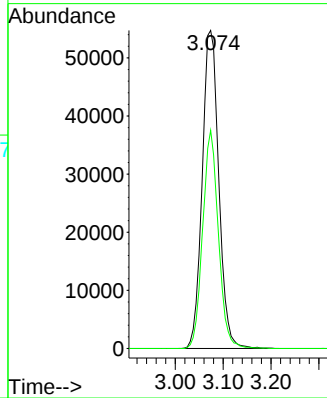
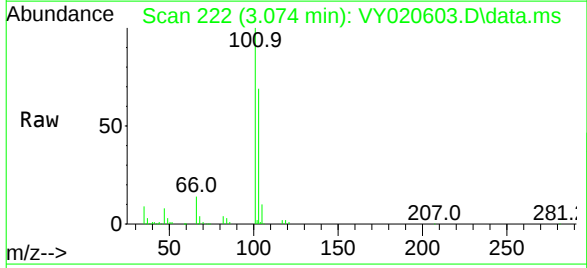




#7
 Trichlorofluoromethane
 Concen: 39.923 ug/l
 RT: 3.074 min Scan# 222
 Delta R.T. -0.000 min
 Lab File: VY020603.D
 Acq: 13 Dec 2024 16:43

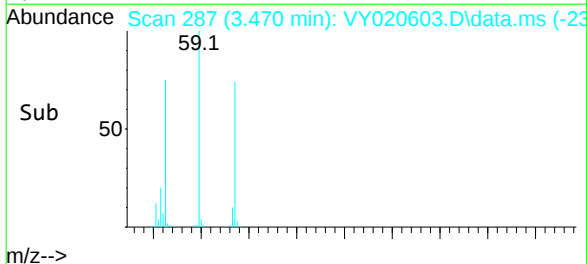
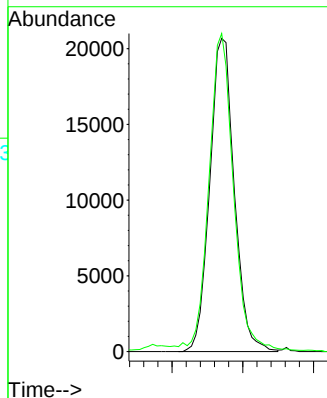
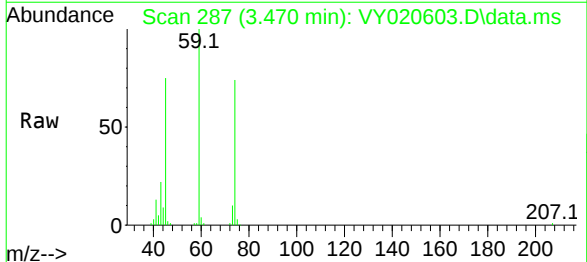
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 VSTDCCC050EC

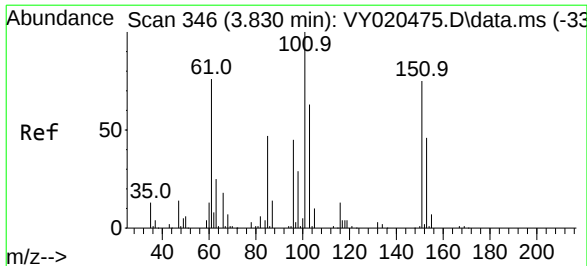
Tgt Ion:101 Resp: 131649
 Ion Ratio Lower Upper
 101 100
 103 68.6 51.5 77.3



#8
 Diethyl Ether
 Concen: 53.287 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. -0.000 min
 Lab File: VY020603.D
 Acq: 13 Dec 2024 16:43

Tgt Ion: 74 Resp: 49787
 Ion Ratio Lower Upper
 74 100
 45 100.3 53.6 160.8

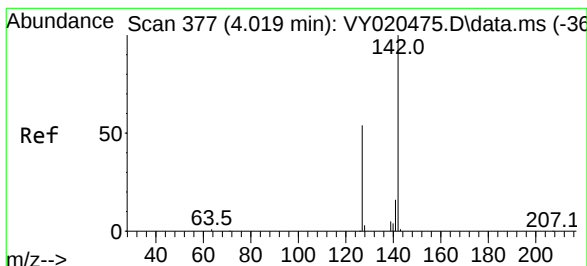
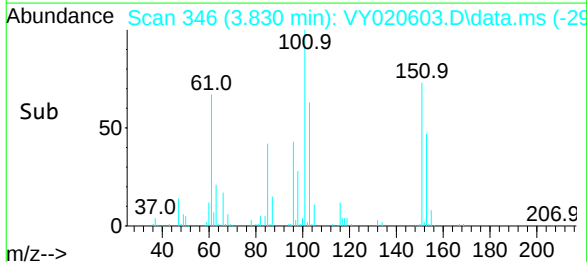
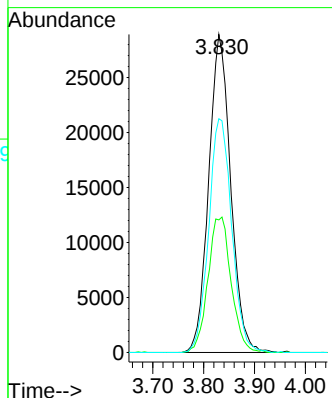
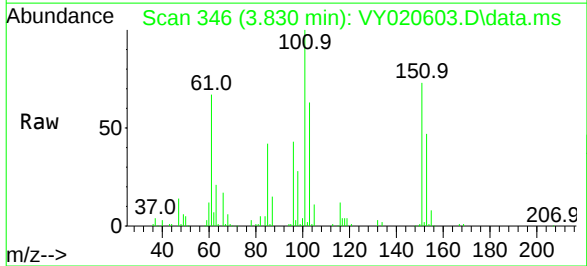




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.272 ug/l
RT: 3.830 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

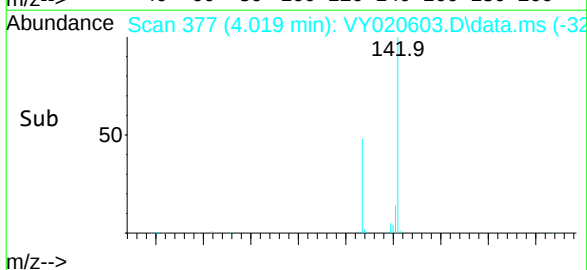
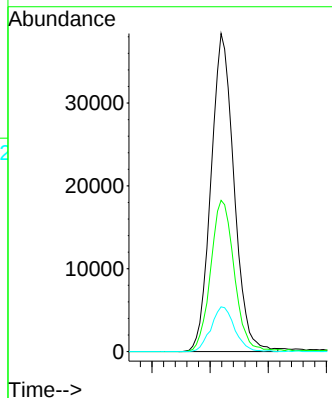
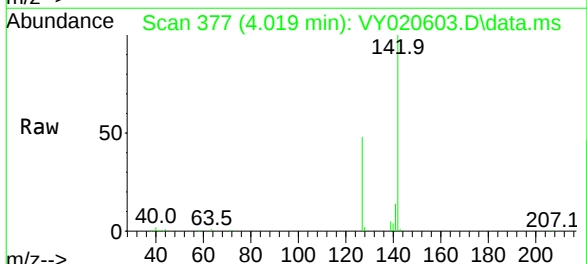
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

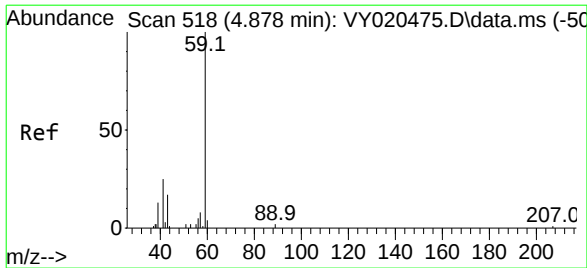
Tgt Ion:101 Resp: 86984
Ion Ratio Lower Upper
101 100
85 44.8 38.0 57.0
151 76.8 59.6 89.4



#10
Methyl Iodide
Concen: 48.958 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion:142 Resp: 105599
Ion Ratio Lower Upper
142 100
127 49.0 38.9 58.3
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 290.216 ug/l

RT: 4.897 min Scan# 521

Delta R.T. 0.018 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

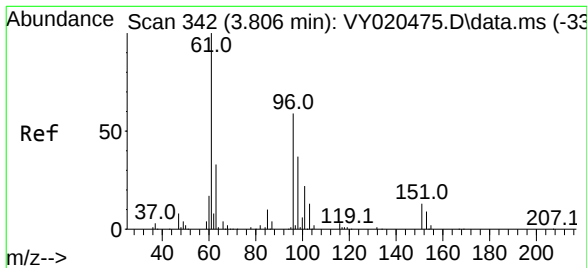
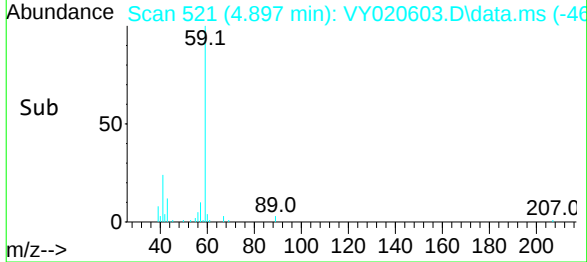
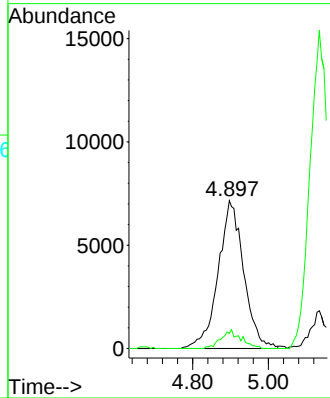
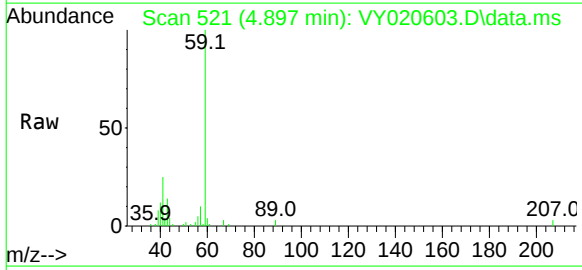
VSTDCCC050EC

Tgt Ion: 59 Resp: 33477

Ion Ratio Lower Upper

59 100

57 9.9 8.2 12.2



#12

1,1-Dichloroethene

Concen: 46.926 ug/l

RT: 3.805 min Scan# 342

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

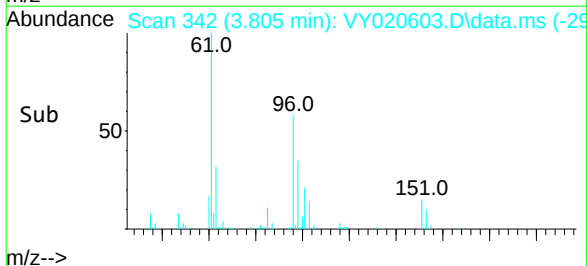
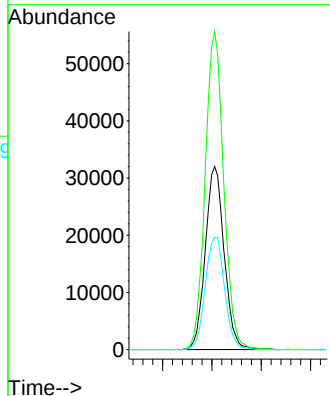
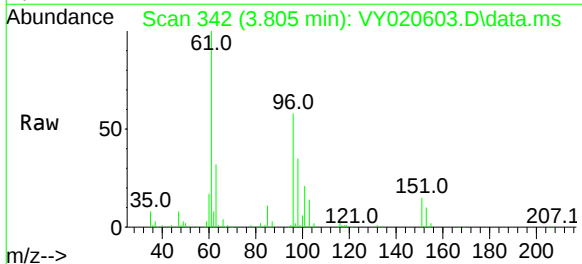
Tgt Ion: 96 Resp: 85173

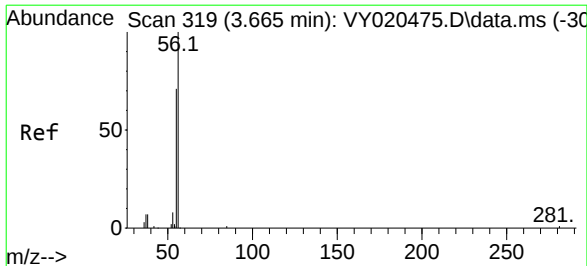
Ion Ratio Lower Upper

96 100

61 173.6 143.3 214.9

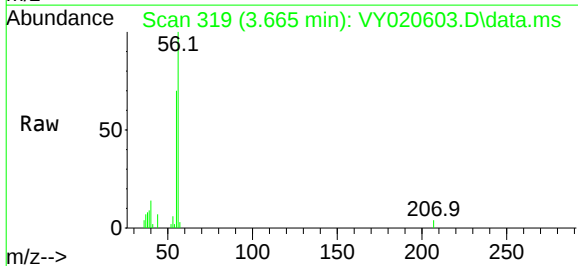
98 61.4 49.8 74.8



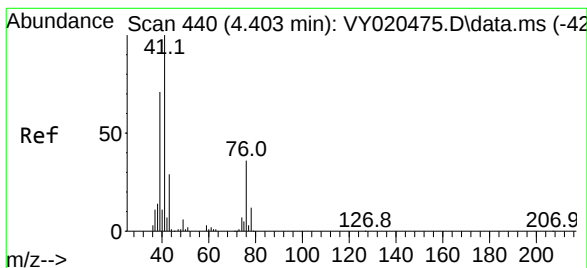
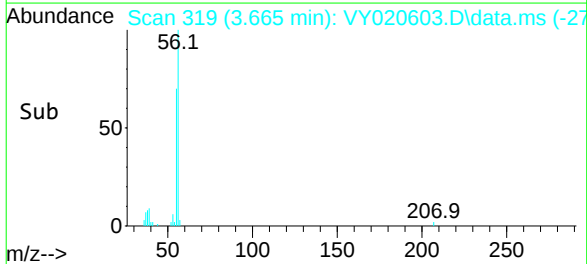
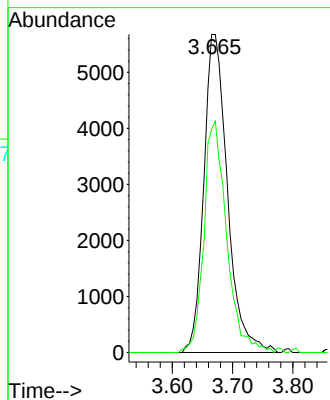


#13
Acrolein
Concen: 143.453 ug/l
RT: 3.665 min Scan# 319
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

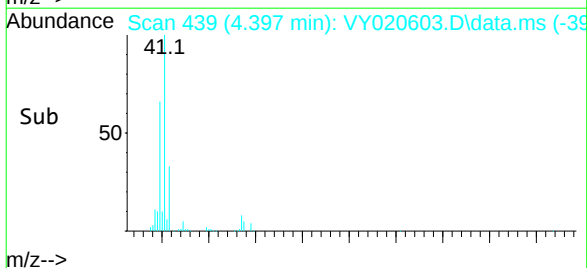
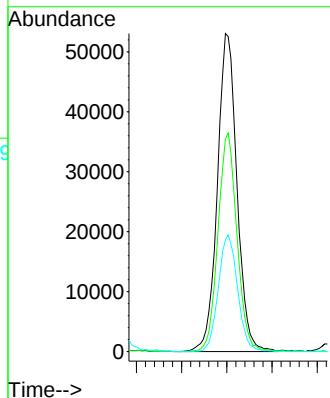
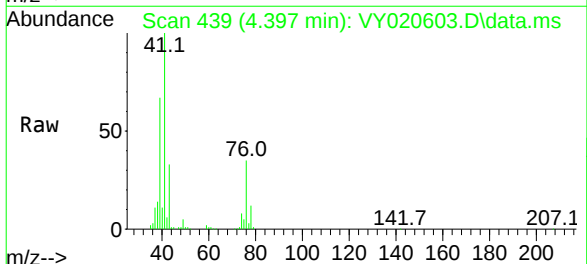


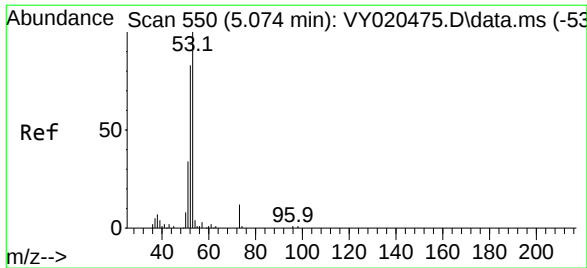
Tgt Ion: 56 Resp: 15493
Ion Ratio Lower Upper
56 100
55 69.9 57.7 86.5



#14
Allyl chloride
Concen: 49.385 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 41 Resp: 159870
Ion Ratio Lower Upper
41 100
39 66.9 58.8 88.2
76 36.0 29.7 44.5





#15

Acrylonitrile

Concen: 283.399 ug/l

RT: 5.080 min Scan# 551

Delta R.T. 0.006 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

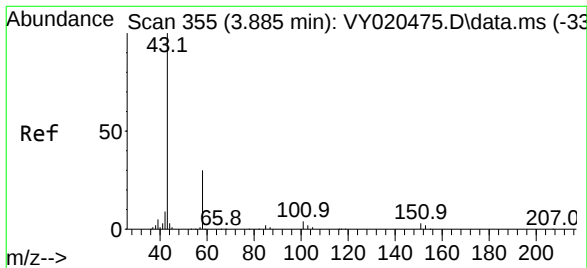
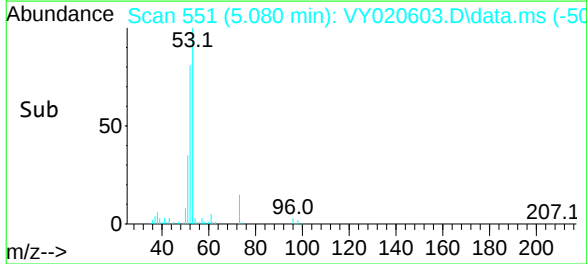
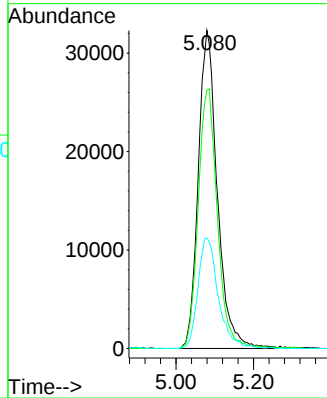
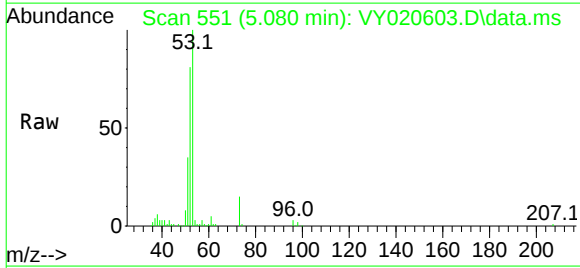
Tgt Ion: 53 Resp: 110325

Ion Ratio Lower Upper

53 100

52 82.0 65.2 97.8

51 36.7 30.2 45.4



#16

Acetone

Concen: 249.292 ug/l

RT: 3.891 min Scan# 356

Delta R.T. 0.006 min

Lab File: VY020603.D

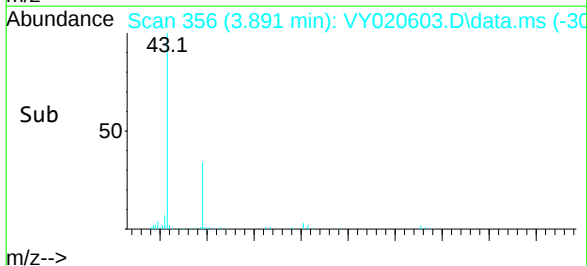
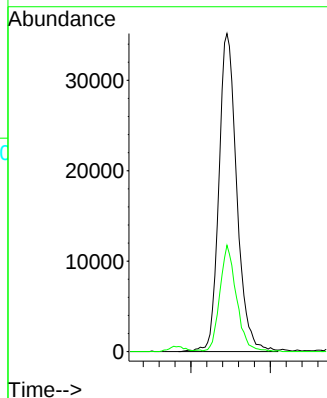
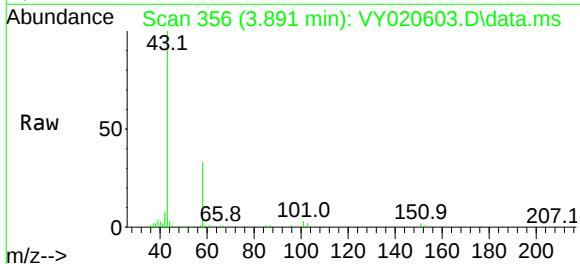
Acq: 13 Dec 2024 16:43

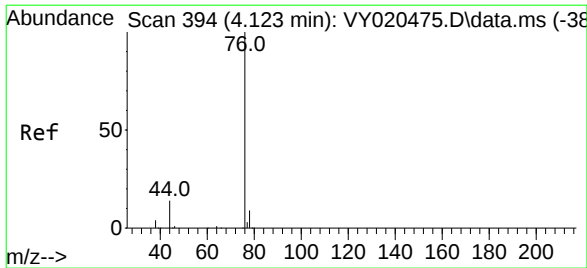
Tgt Ion: 43 Resp: 110225

Ion Ratio Lower Upper

43 100

58 33.1 25.7 38.5





#17

Carbon Disulfide

Concen: 46.285 ug/l

RT: 4.122 min Scan# 39

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

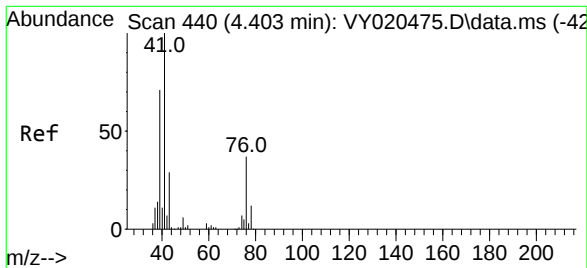
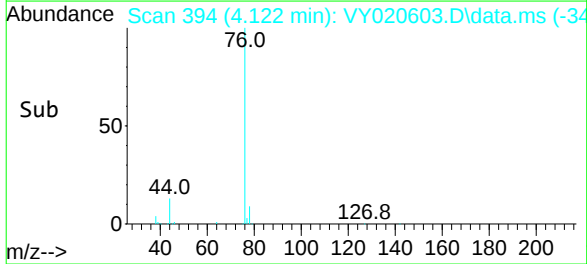
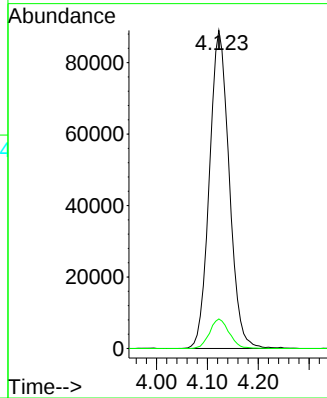
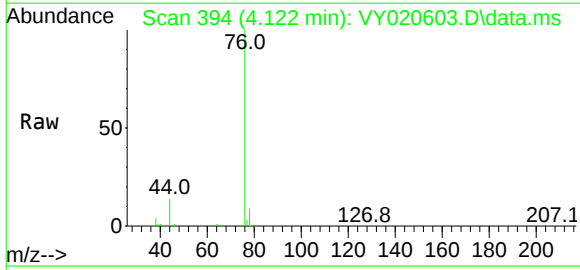
VSTDCCC050EC

Tgt Ion: 76 Resp: 240443

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



#18

Methyl Acetate

Concen: 59.754 ug/l

RT: 4.403 min Scan# 440

Delta R.T. -0.000 min

Lab File: VY020603.D

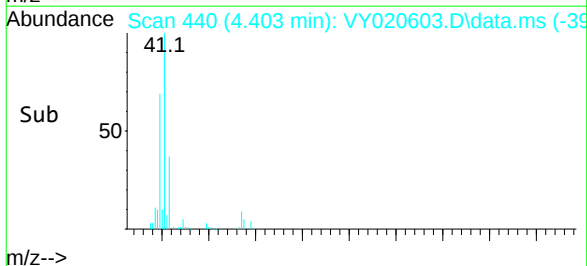
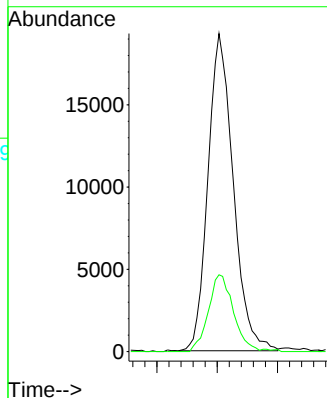
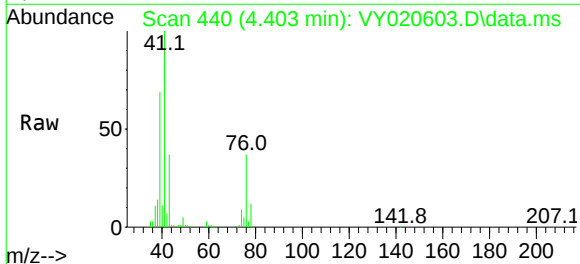
Acq: 13 Dec 2024 16:43

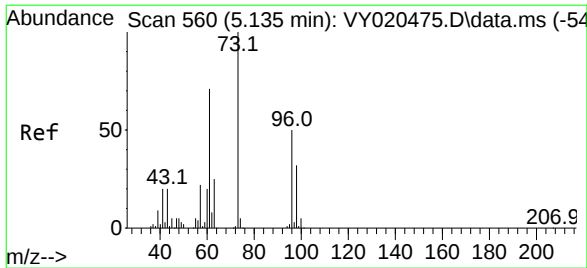
Tgt Ion: 43 Resp: 56154

Ion Ratio Lower Upper

43 100

74 24.2 18.6 27.8

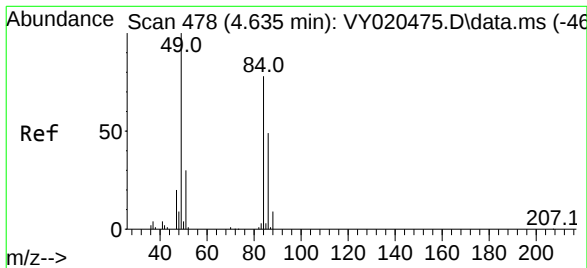
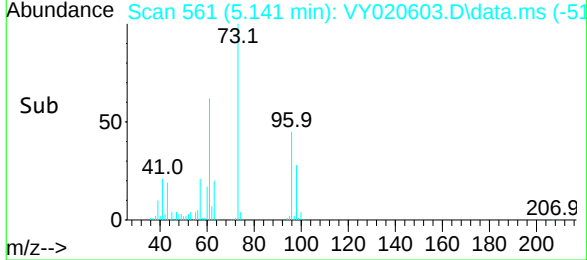
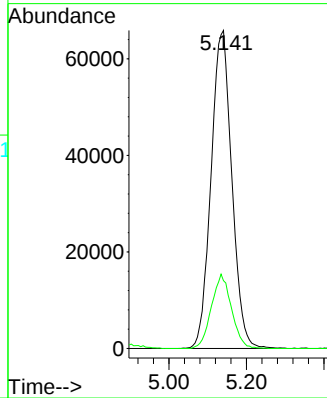
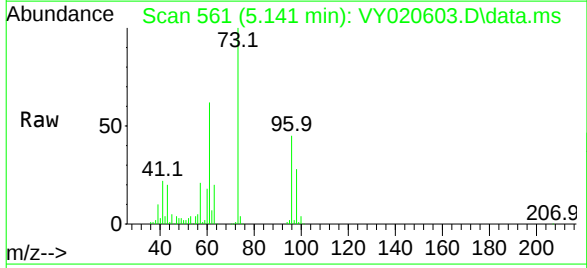




#19
Methyl tert-butyl Ether
Concen: 52.905 ug/l
RT: 5.141 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

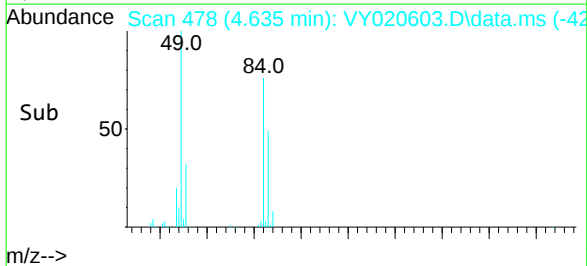
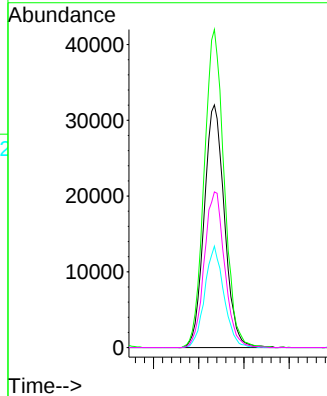
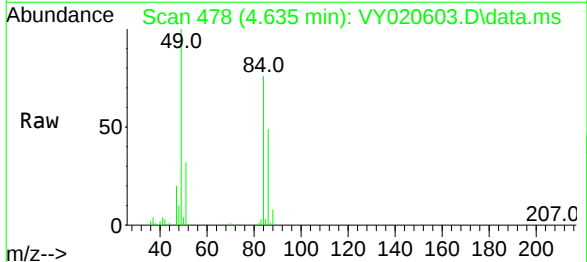
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

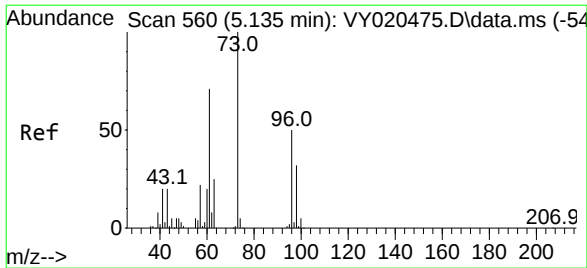
Tgt Ion: 73 Resp: 245227
Ion Ratio Lower Upper
73 100
57 21.3 18.0 27.0



#20
Methylene Chloride
Concen: 53.234 ug/l
RT: 4.635 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 84 Resp: 100127
Ion Ratio Lower Upper
84 100
49 131.1 104.7 157.1
51 41.8 33.4 50.0
86 64.2 52.2 78.2

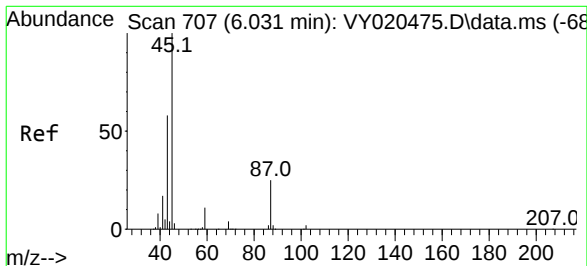
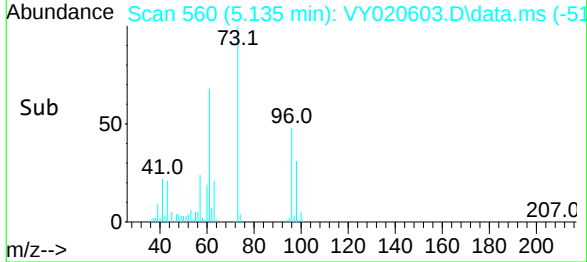
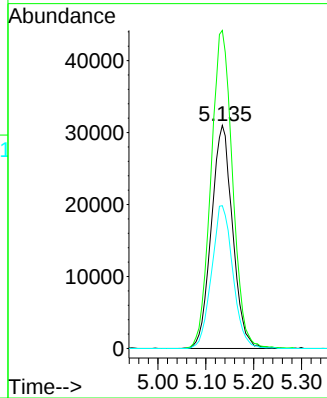
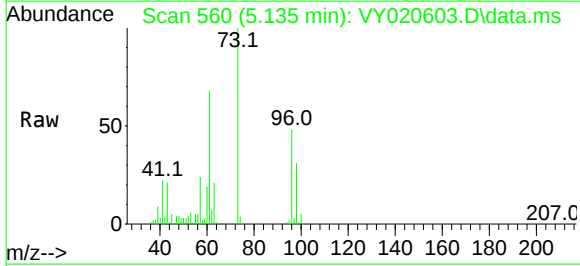




#21
trans-1,2-Dichloroethene
Concen: 47.517 ug/l
RT: 5.135 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

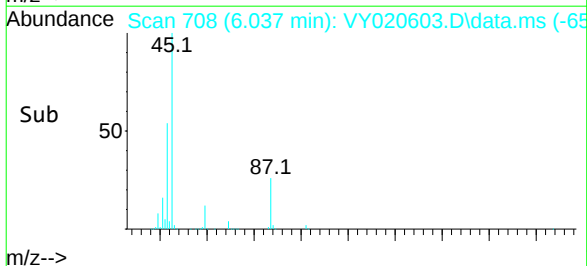
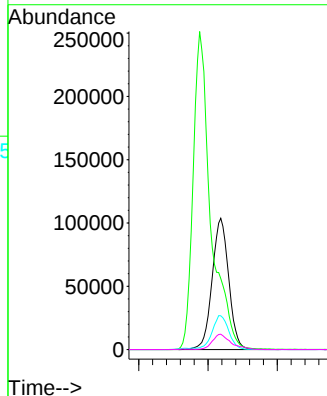
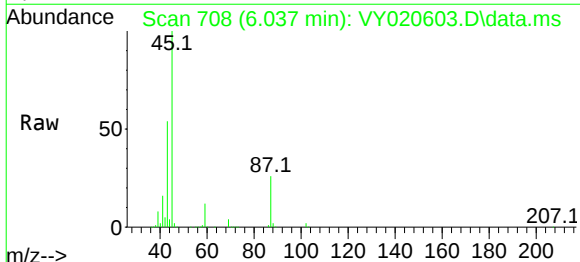
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

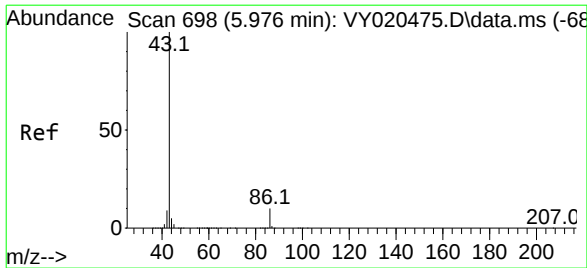
Tgt Ion: 96 Resp: 95793
Ion Ratio Lower Upper
96 100
61 142.5 111.6 167.4
98 64.0 46.7 70.1



#22
Diisopropyl ether
Concen: 53.623 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 45 Resp: 345181
Ion Ratio Lower Upper
45 100
43 53.7 44.8 67.2
87 25.7 20.6 30.8
59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 261.005 ug/l

RT: 5.976 min Scan# 698

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

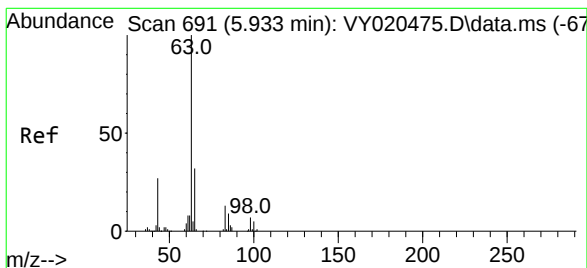
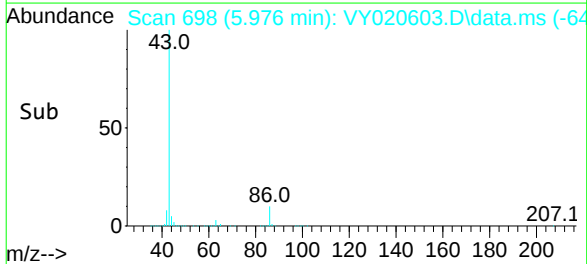
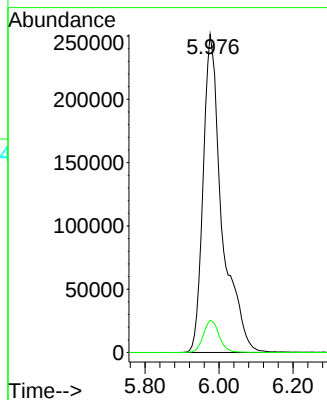
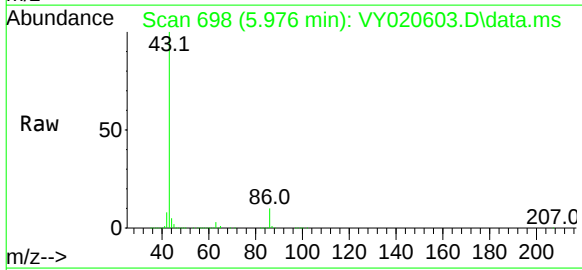
VSTDCCC050EC

Tgt Ion: 43 Resp: 888681

Ion Ratio Lower Upper

43 100

86 10.1 8.0 12.0



#24

1,1-Dichloroethane

Concen: 50.038 ug/l

RT: 5.933 min Scan# 691

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

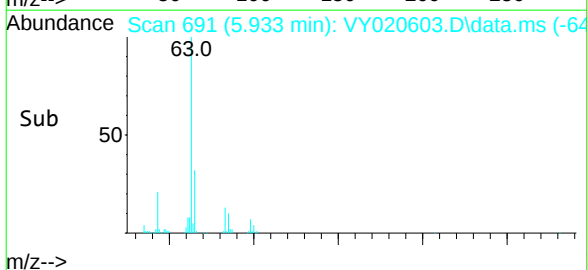
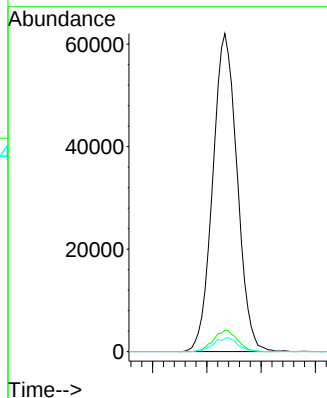
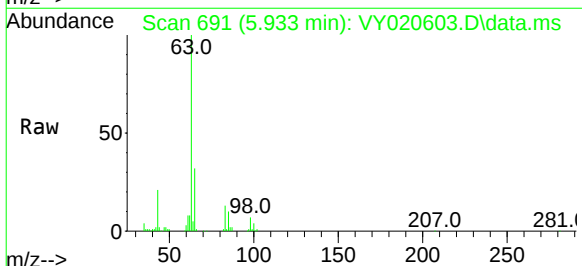
Tgt Ion: 63 Resp: 193921

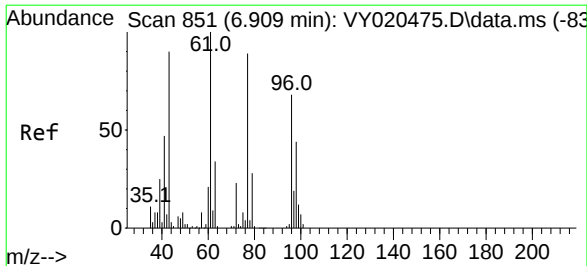
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.1 2.0 5.8

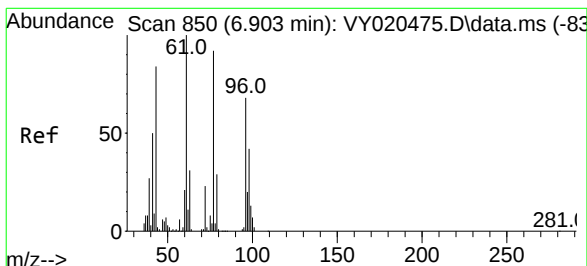
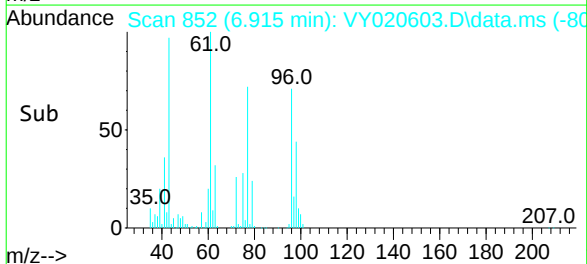
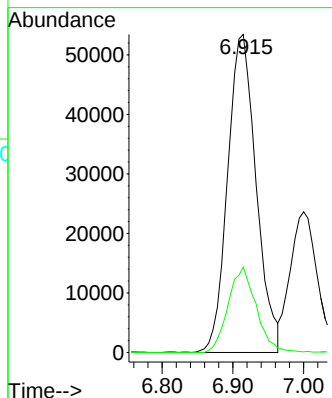
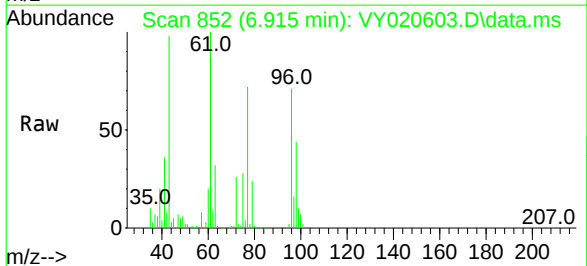




#25
2-Butanone
Concen: 268.527 ug/l
RT: 6.915 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

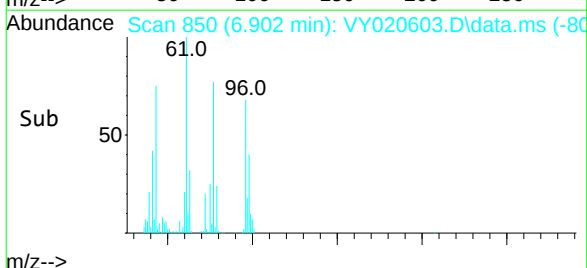
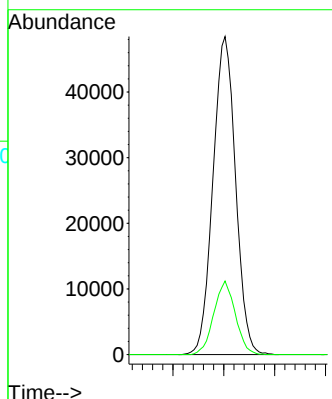
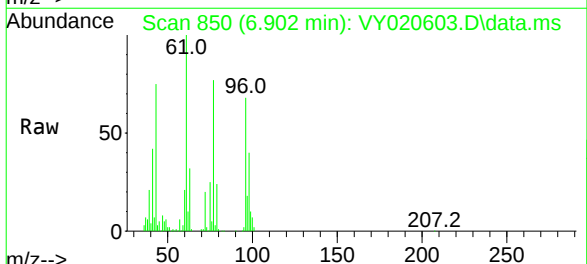
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

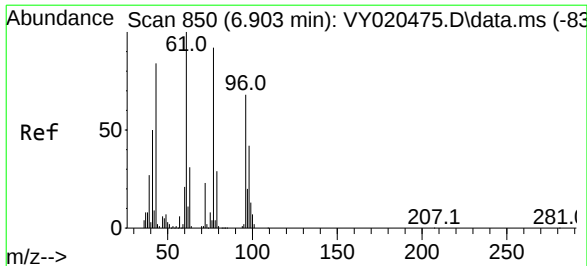
Tgt Ion: 43 Resp: 149925
Ion Ratio Lower Upper
43 100
72 26.9 20.4 30.6



#26
2,2-Dichloropropane
Concen: 40.779 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 77 Resp: 149475
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7

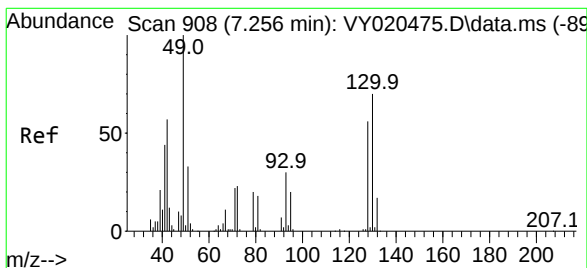
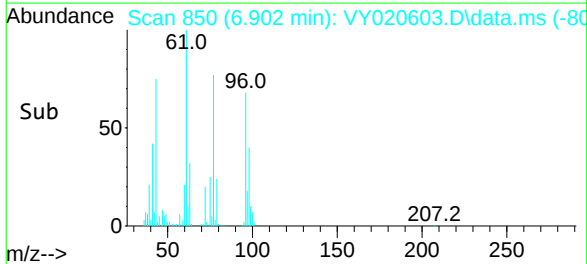
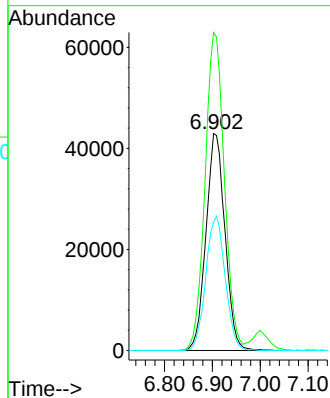
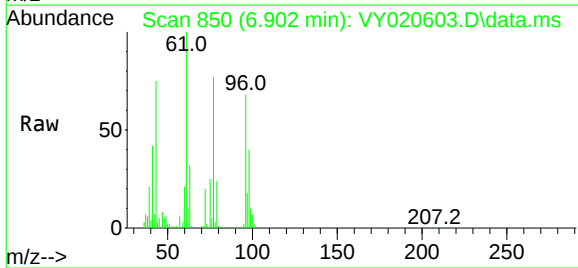




#27
cis-1,2-Dichloroethene
Concen: 50.231 ug/l
RT: 6.902 min Scan# 85
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

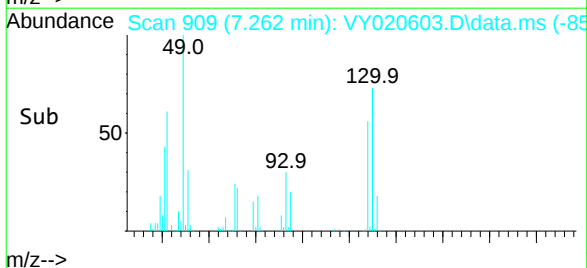
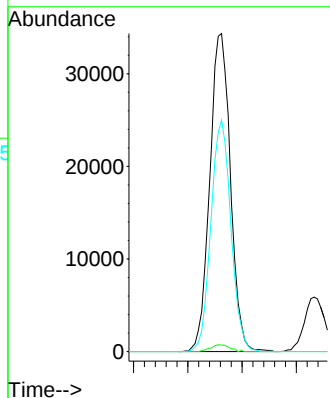
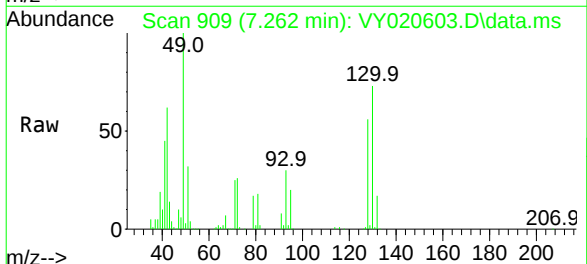
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

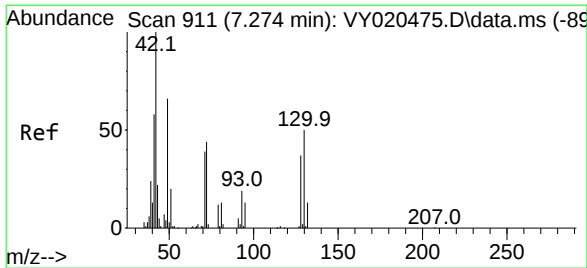
Tgt Ion:	96	Resp:	118244
Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	312.4
98	63.4	0.0	126.8



#28
Bromochloromethane
Concen: 62.795 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion:	49	Resp:	90879
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	70.5	55.0	82.6

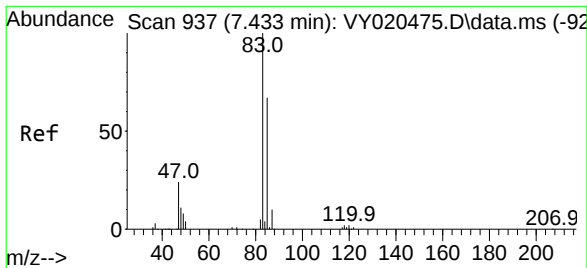
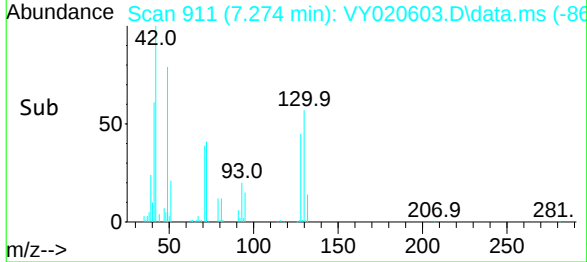
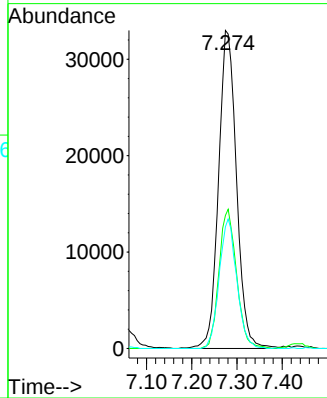
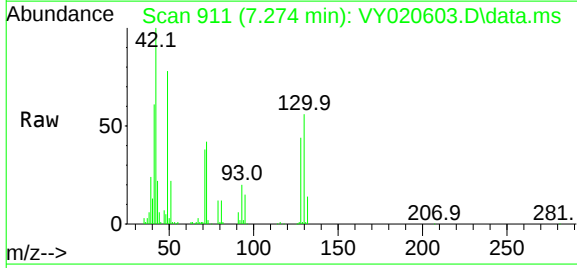




#29
Tetrahydrofuran
Concen: 285.791 ug/l
RT: 7.274 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

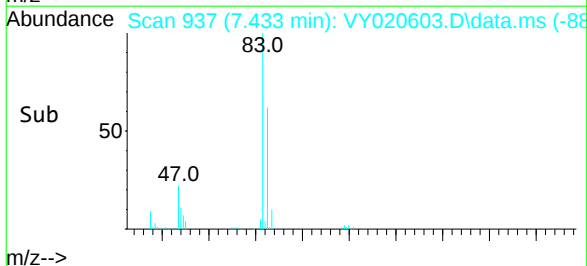
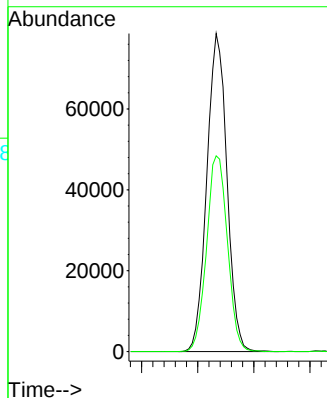
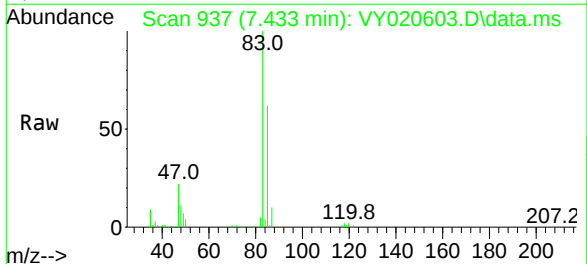
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

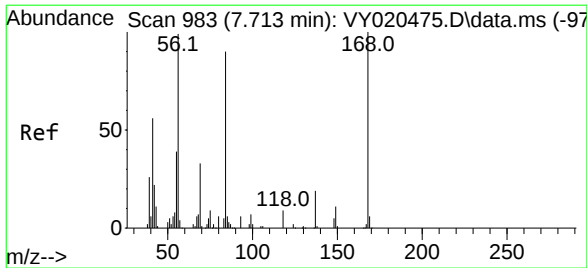
Tgt Ion:	42	Resp:	91029
Ion	Ratio	Lower	Upper
42	100		
72	42.8	33.4	50.0
71	39.7	31.9	47.9



#30
Chloroform
Concen: 49.210 ug/l
RT: 7.433 min Scan# 937
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion:	83	Resp:	195730
Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.3	75.5

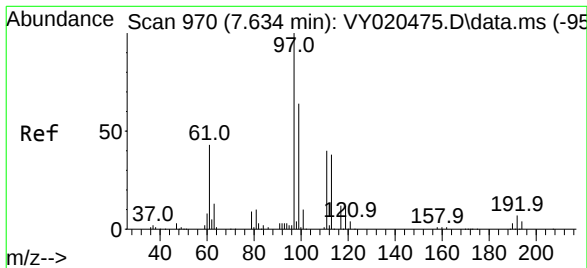
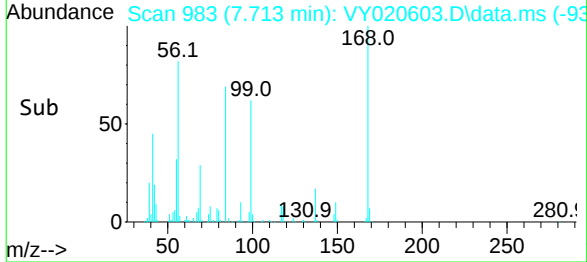
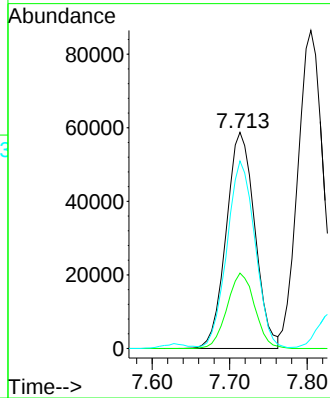
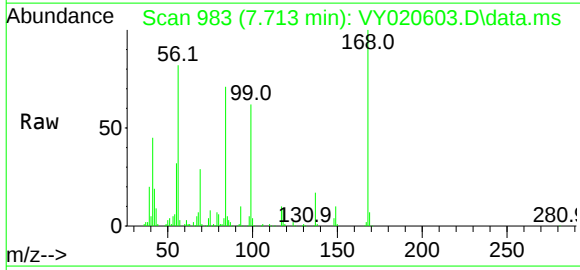




#31
Cyclohexane
Concen: 43.020 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

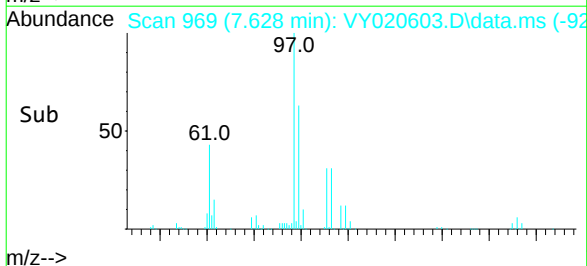
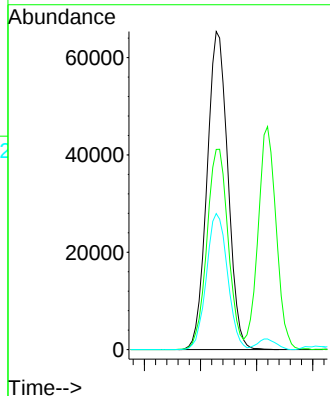
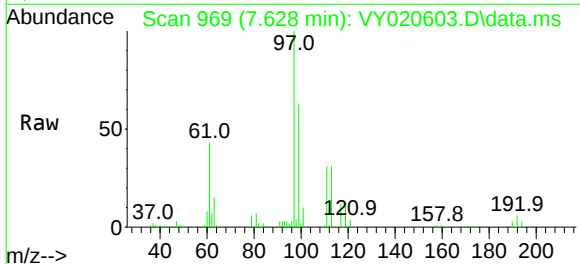
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

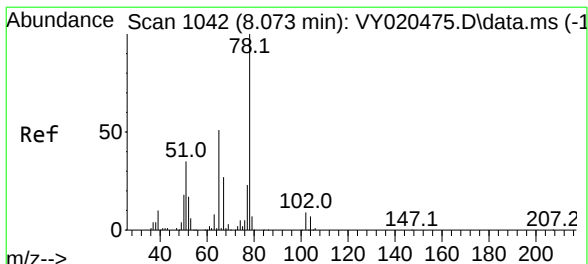
Tgt Ion:	56	Resp:	150726
Ion	Ratio	Lower	Upper
56	100		
69	34.9	25.3	37.9
84	84.9	66.9	100.3



#32
1,1,1-Trichloroethane
Concen: 44.111 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion:	97	Resp:	168942
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	43.3	37.1	55.7

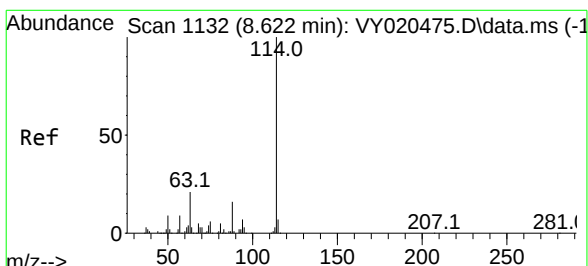
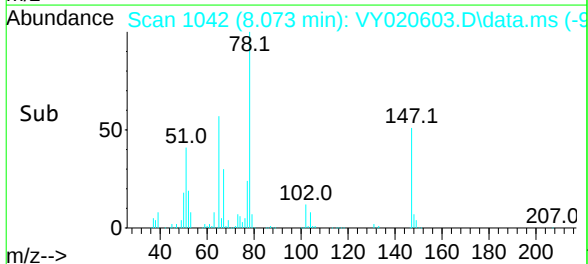
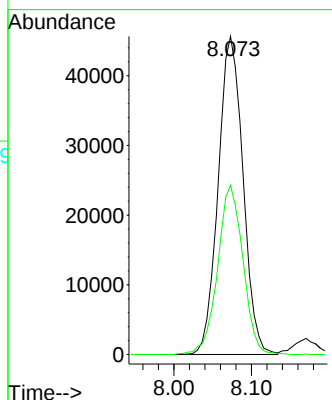
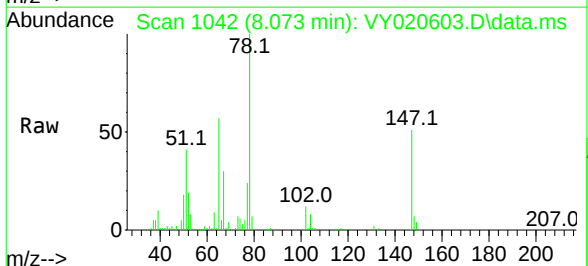




#33
 1,2-Dichloroethane-d4
 Concen: 56.985 ug/l
 RT: 8.073 min Scan# 1042
 Delta R.T. -0.000 min
 Lab File: VY020603.D
 Acq: 13 Dec 2024 16:43

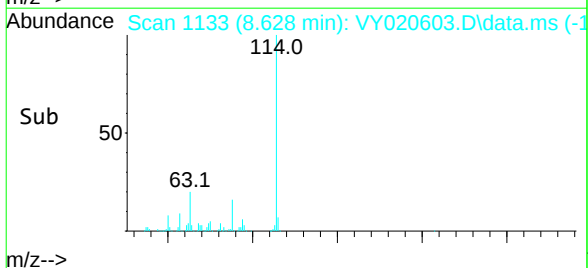
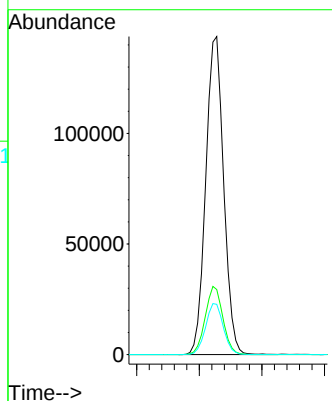
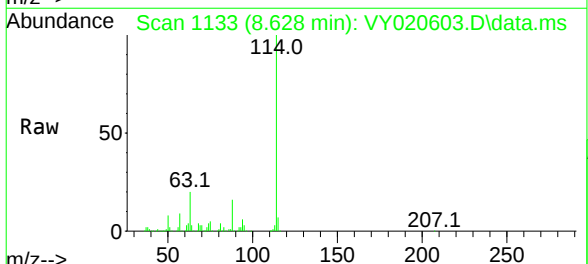
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

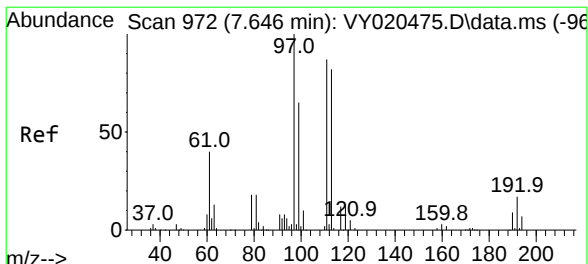
Tgt Ion: 65 Resp: 101332
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 1133
 Delta R.T. 0.006 min
 Lab File: VY020603.D
 Acq: 13 Dec 2024 16:43

Tgt Ion: 114 Resp: 285490
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 44.8
 88 15.8 0.0 32.0

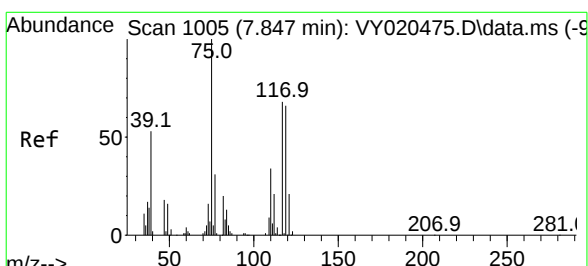
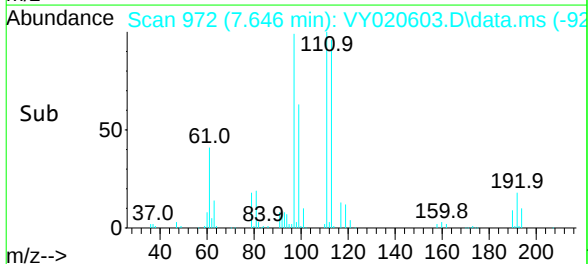
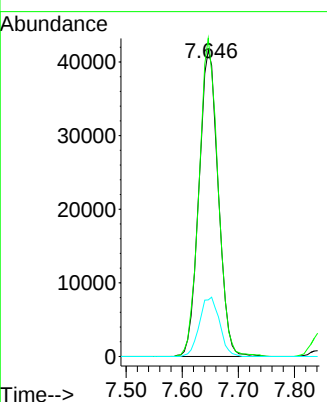
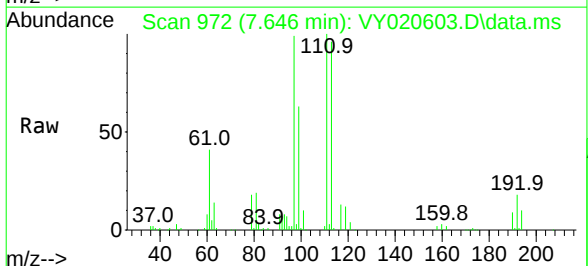




#35
 Dibromofluoromethane
 Concen: 55.358 ug/l
 RT: 7.646 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: VY020603.D
 Acq: 13 Dec 2024 16:43

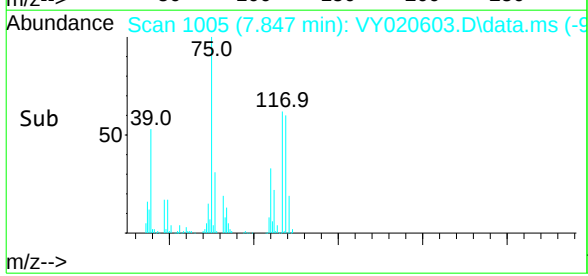
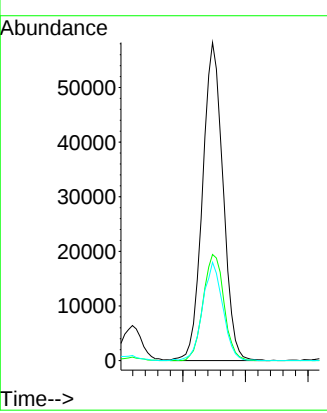
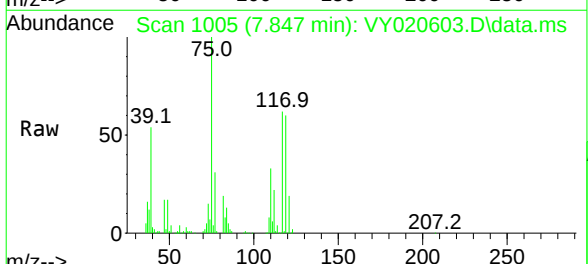
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050EC

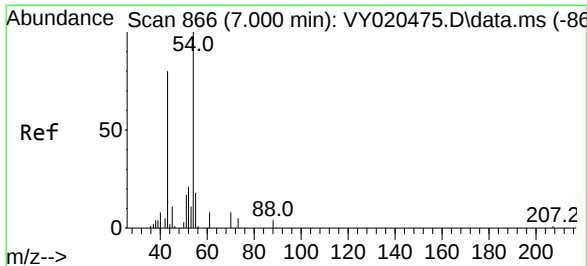
Tgt Ion:	113	Resp:	99494
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	20.1	15.1	22.7



#36
 1,1-Dichloropropene
 Concen: 43.620 ug/l
 RT: 7.847 min Scan# 1005
 Delta R.T. -0.000 min
 Lab File: VY020603.D
 Acq: 13 Dec 2024 16:43

Tgt Ion:	75	Resp:	132391
Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.0
77	30.4	24.6	36.8

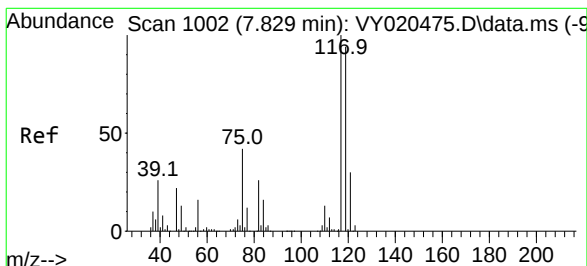
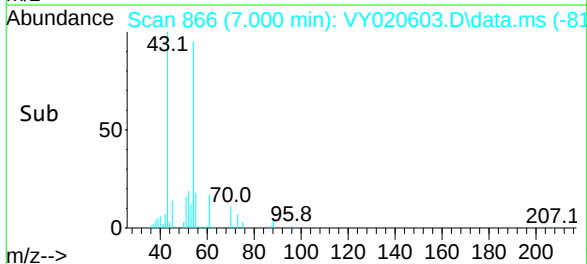
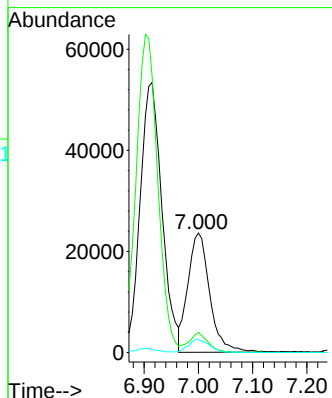
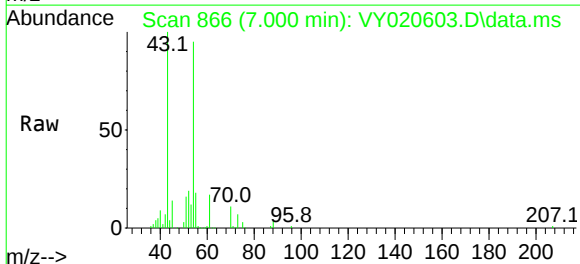




#37
Ethyl Acetate
Concen: 54.625 ug/l
RT: 7.000 min Scan# 866
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

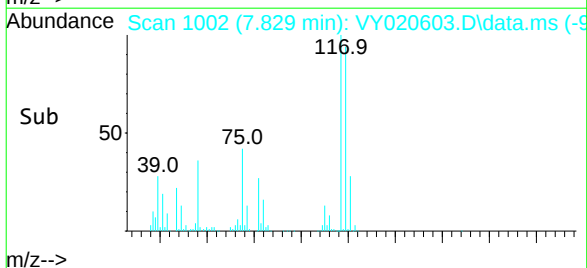
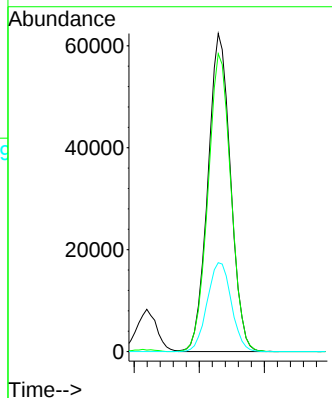
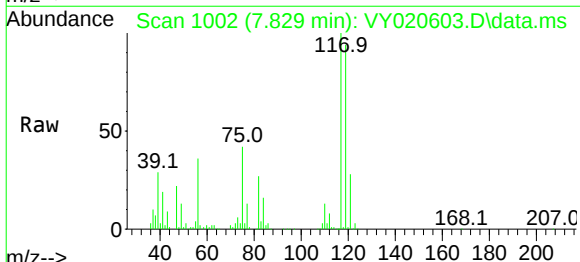
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

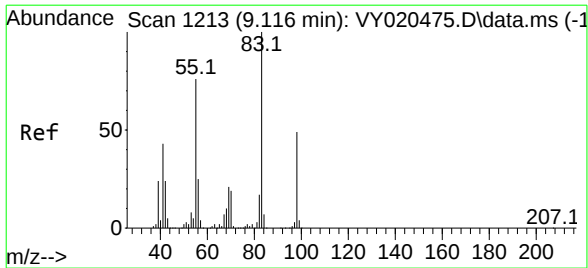
Tgt Ion: 43 Resp: 65683
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 10.7 7.3 10.9



#38
Carbon Tetrachloride
Concen: 41.611 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 117 Resp: 150731
Ion Ratio Lower Upper
117 100
119 93.7 77.8 116.6
121 28.0 24.6 37.0

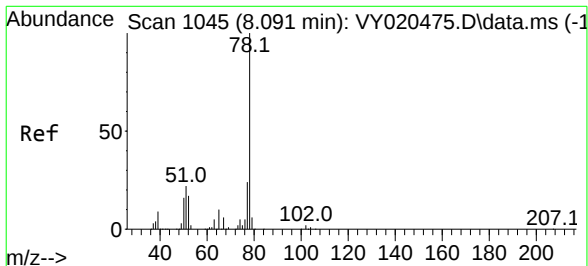
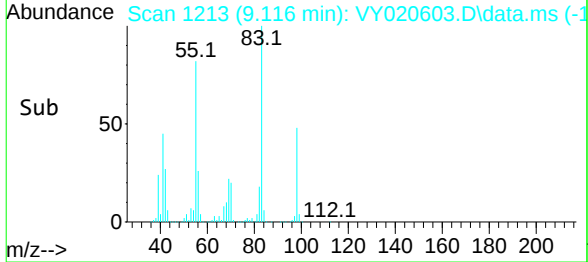
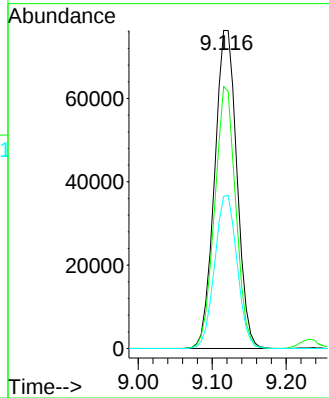
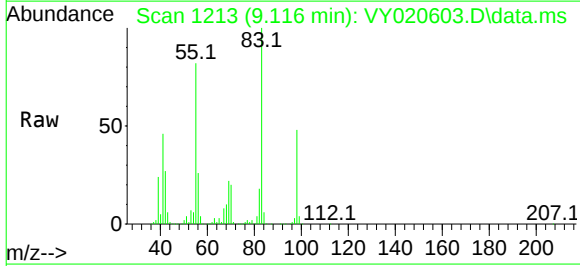




#39
Methylcyclohexane
Concen: 42.461 ug/l
RT: 9.116 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

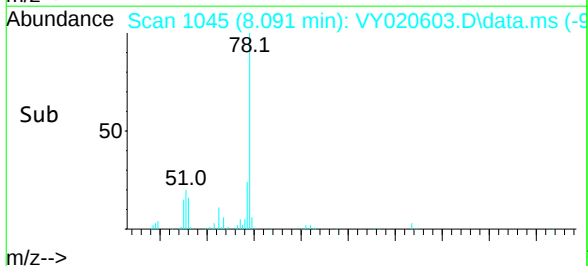
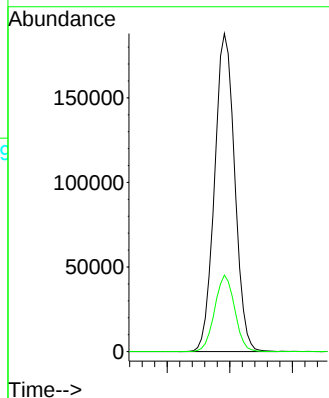
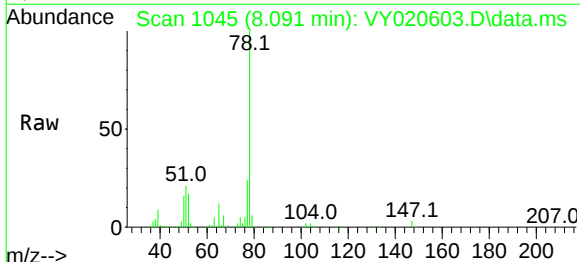
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

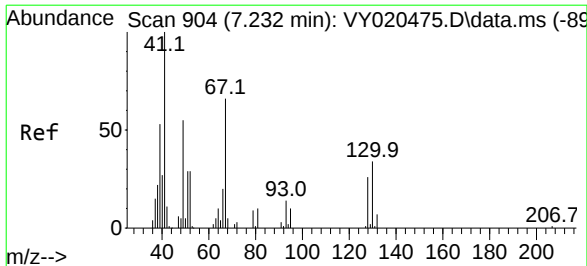
Tgt Ion: 83 Resp: 159917
Ion Ratio Lower Upper
83 100
55 82.3 62.6 93.8
98 47.9 37.0 55.4



#40
Benzene
Concen: 46.989 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 78 Resp: 420487
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0





#41

Methacrylonitrile

Concen: 54.222 ug/l

RT: 7.232 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY020603.D

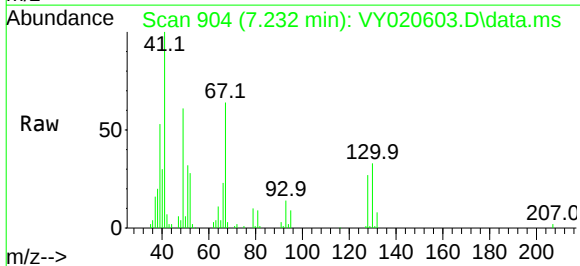
Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 41 Resp: 37064

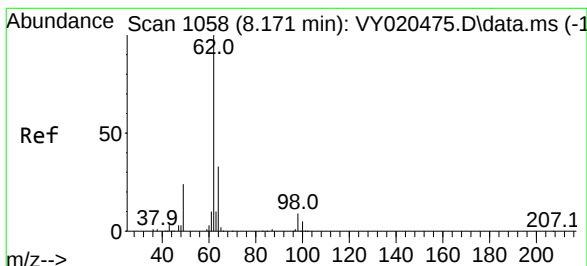
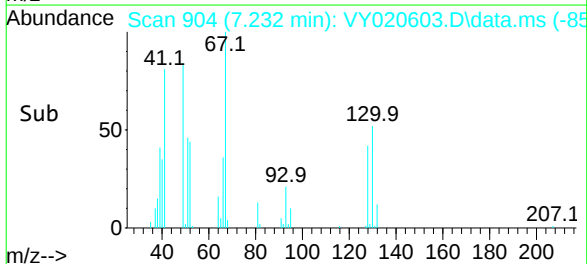
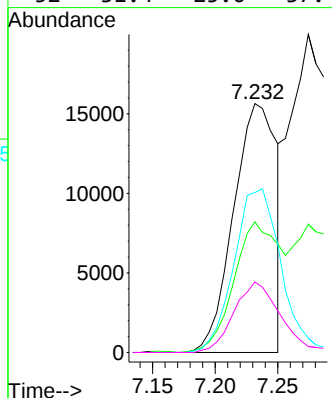
Ion Ratio Lower Upper

41 100

39 57.6 49.0 73.4

67 72.9 57.1 85.7

52 31.4 25.0 37.4



#42

1,2-Dichloroethane

Concen: 48.307 ug/l

RT: 8.171 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY020603.D

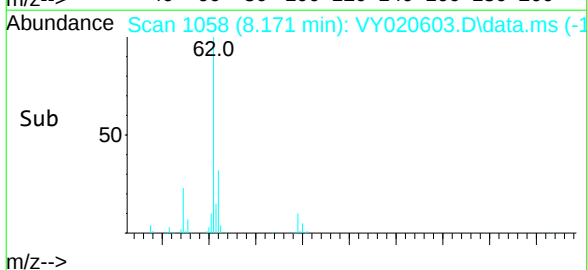
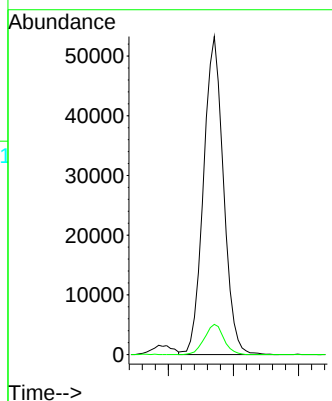
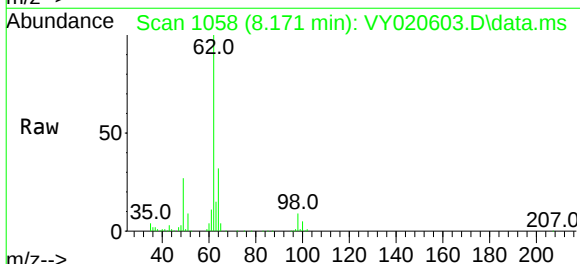
Acq: 13 Dec 2024 16:43

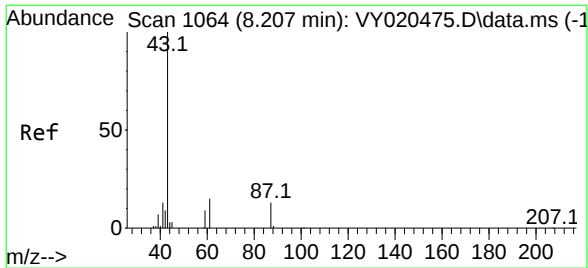
Tgt Ion: 62 Resp: 113587

Ion Ratio Lower Upper

62 100

98 9.2 0.0 18.0

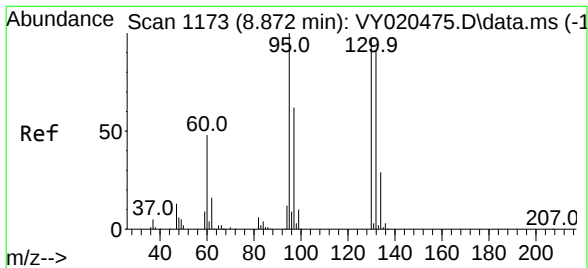
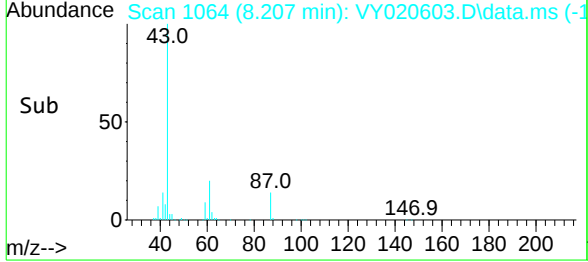
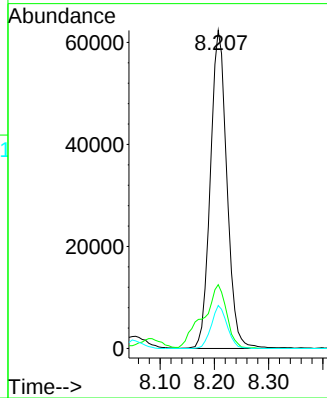
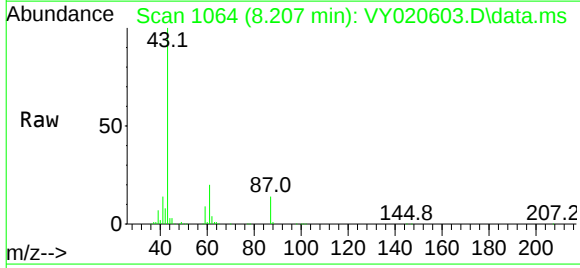




#43
Isopropyl Acetate
Concen: 54.419 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

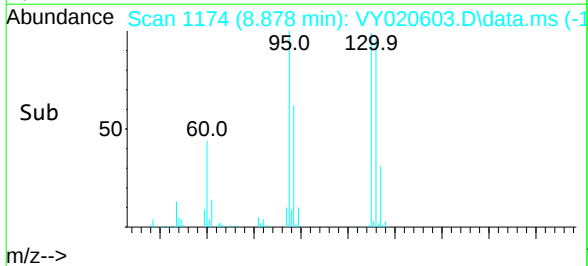
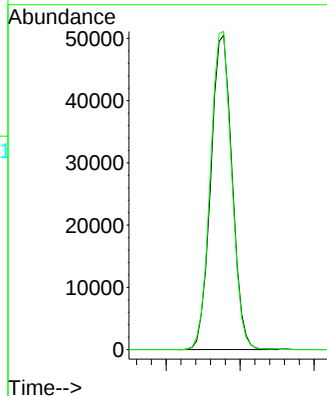
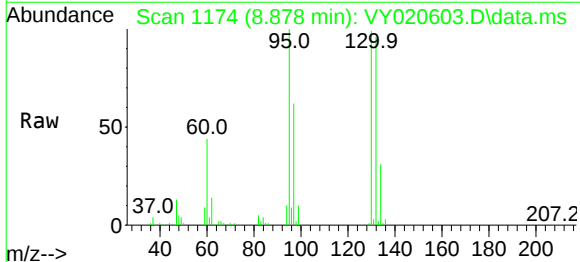
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

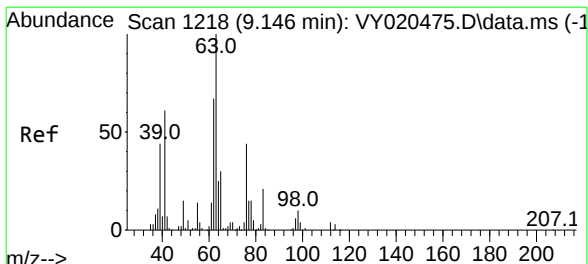
Tgt Ion: 43 Resp: 132133
Ion Ratio Lower Upper
43 100
61 28.7 22.8 34.2
87 12.9 9.6 14.4



#44
Trichloroethene
Concen: 45.860 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion:130 Resp: 101168
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.8

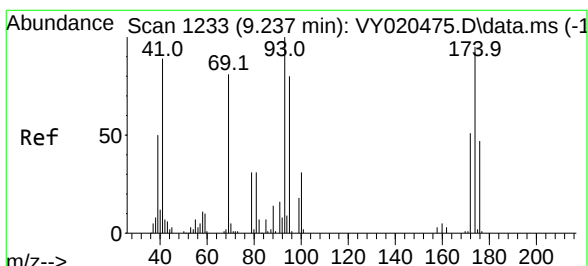
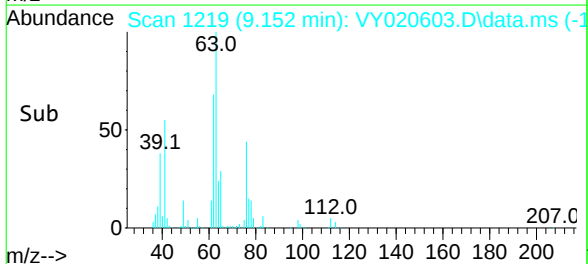
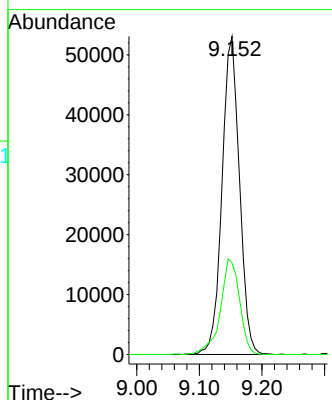
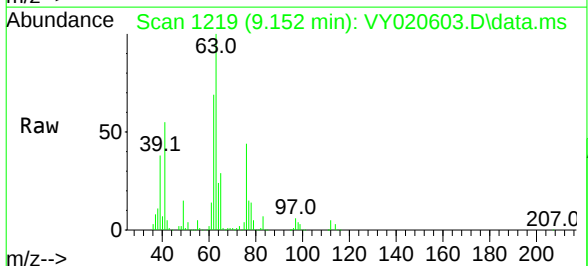




#45
 1,2-Dichloropropane
 Concen: 49.029 ug/l
 RT: 9.152 min Scan# 1219
 Delta R.T. 0.006 min
 Lab File: VY020603.D
 Acq: 13 Dec 2024 16:43

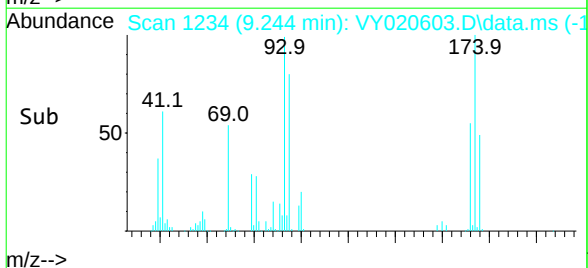
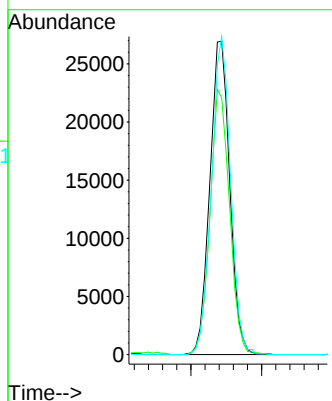
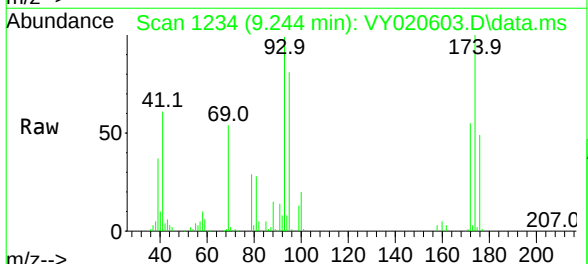
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

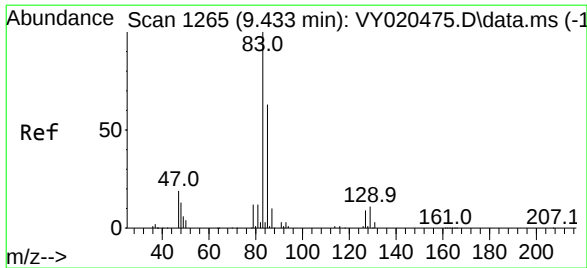
Tgt Ion: 63 Resp: 102671
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.2 36.4



#46
 Dibromomethane
 Concen: 50.972 ug/l
 RT: 9.244 min Scan# 1234
 Delta R.T. 0.006 min
 Lab File: VY020603.D
 Acq: 13 Dec 2024 16:43

Tgt Ion: 93 Resp: 52849
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.3 97.9
 174 97.4 74.4 111.6

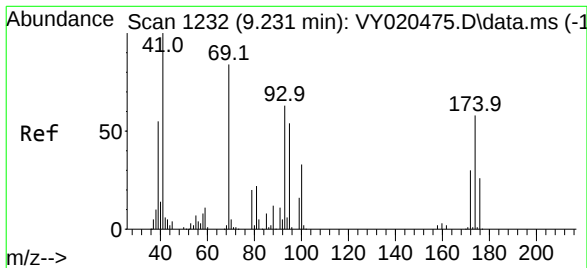
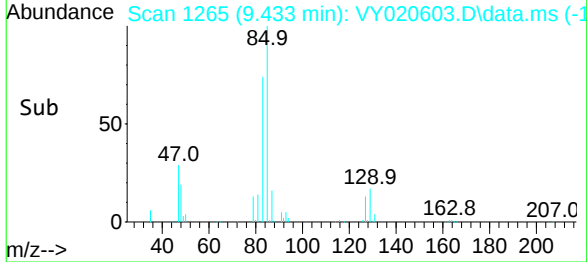
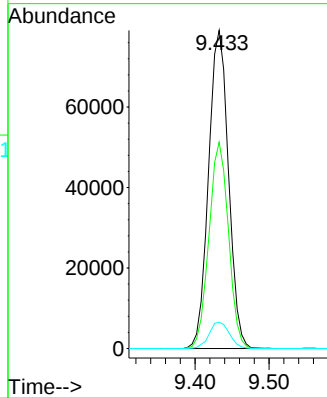
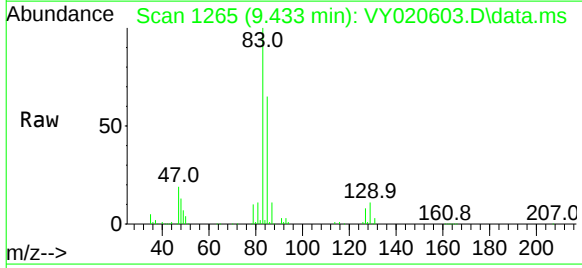




#47
Bromodichloromethane
Concen: 48.329 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

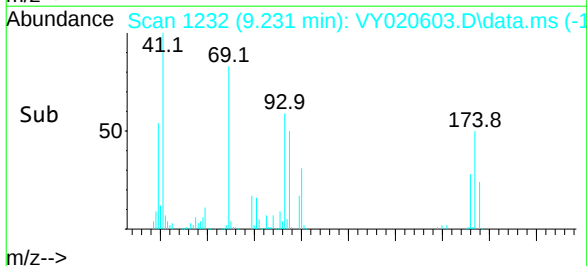
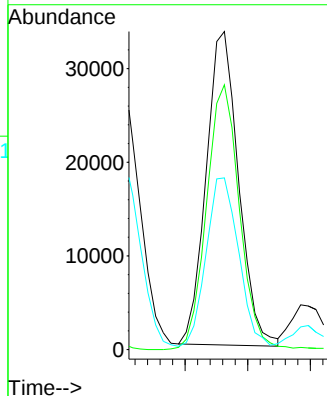
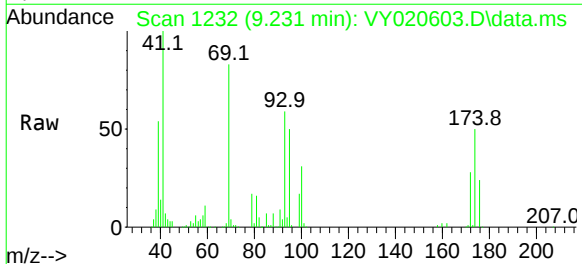
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

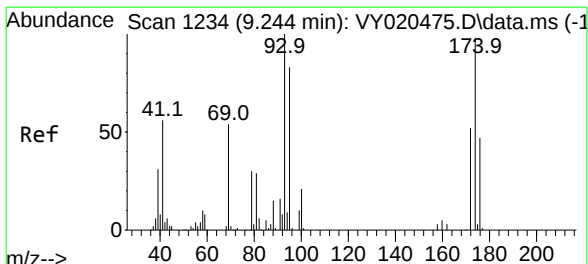
Tgt Ion:	83	Resp:	147632
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.4	77.2
127	8.3	6.3	9.5



#48
Methyl methacrylate
Concen: 53.159 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion:	41	Resp:	60189
Ion	Ratio	Lower	Upper
41	100		
69	86.1	66.1	99.1
39	53.9	46.0	69.0

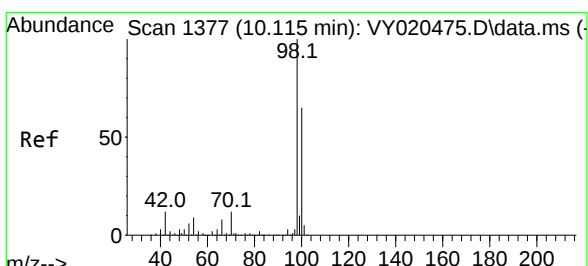
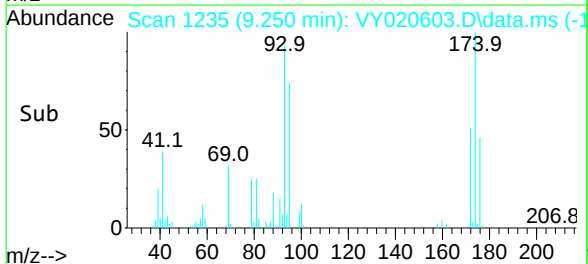
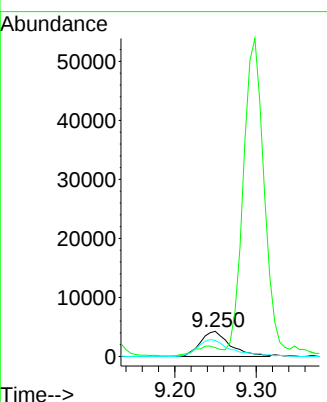
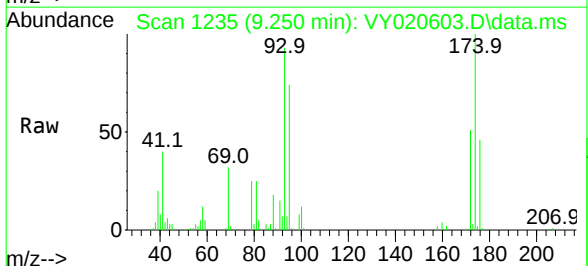




#49
 1,4-Dioxane
 Concen: 1098.227 ug/l
 RT: 9.250 min Scan# 1235
 Delta R.T. 0.006 min
 Lab File: VY020603.D
 Acq: 13 Dec 2024 16:43

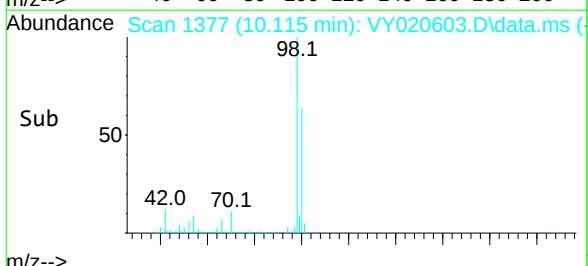
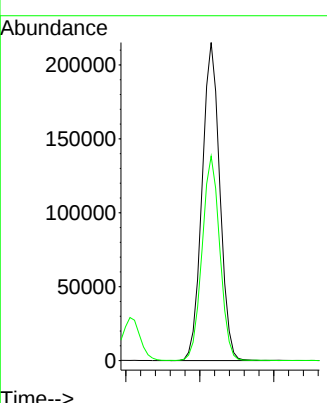
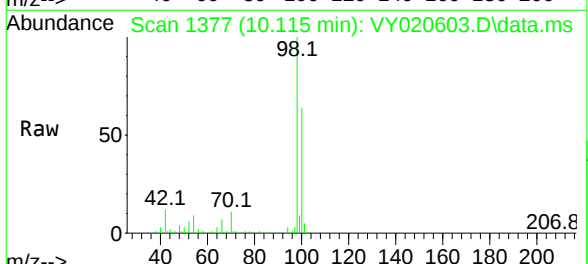
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050EC

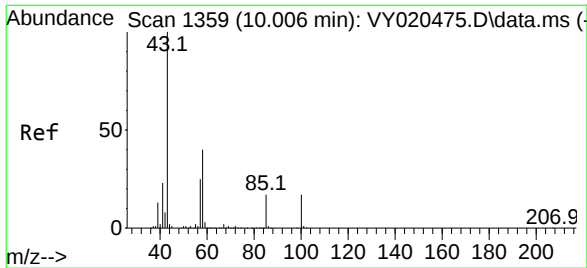
Tgt Ion:	88	Resp:	10884
Ion	Ratio	Lower	Upper
88	100		
43	35.2	24.6	37.0
58	76.0	59.6	89.4



#50
 Toluene-d8
 Concen: 52.221 ug/l
 RT: 10.115 min Scan# 1377
 Delta R.T. -0.000 min
 Lab File: VY020603.D
 Acq: 13 Dec 2024 16:43

Tgt Ion:	98	Resp:	357392
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.3	76.9

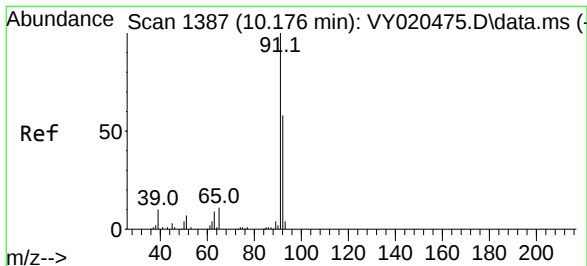
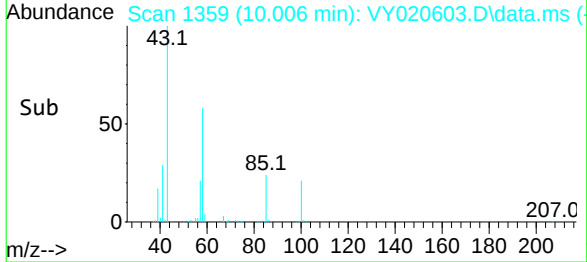
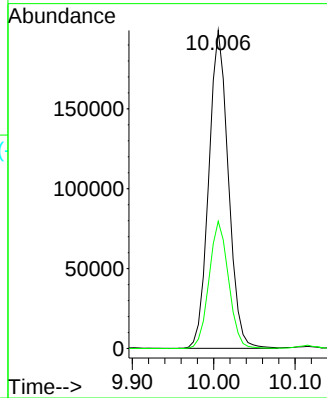
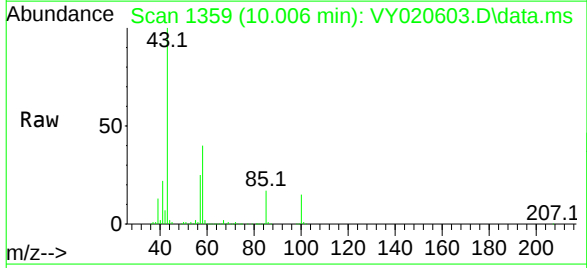




#51
4-Methyl-2-Pentanone
Concen: 277.534 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

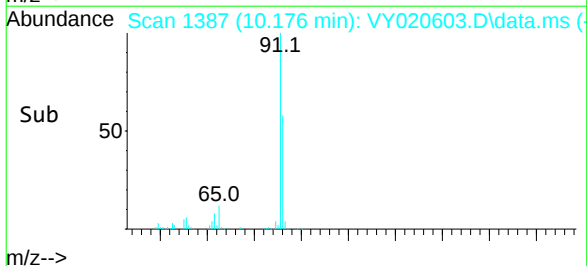
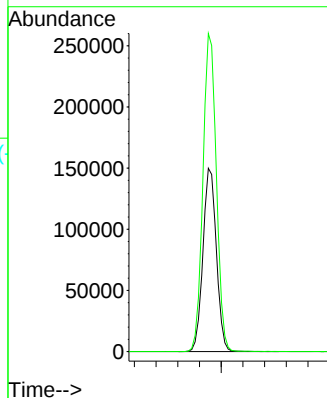
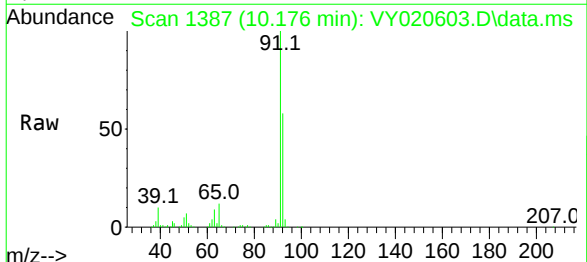
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

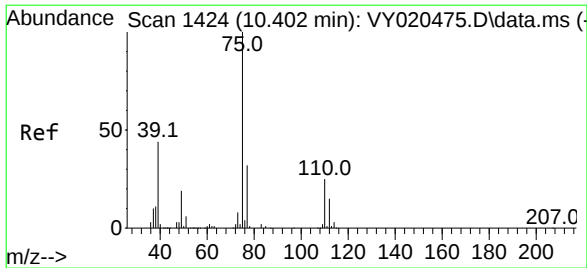
Tgt Ion: 43 Resp: 332790
Ion Ratio Lower Upper
43 100
58 39.8 30.9 46.3



#52
Toluene
Concen: 46.212 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 92 Resp: 258011
Ion Ratio Lower Upper
92 100
91 173.3 139.7 209.5

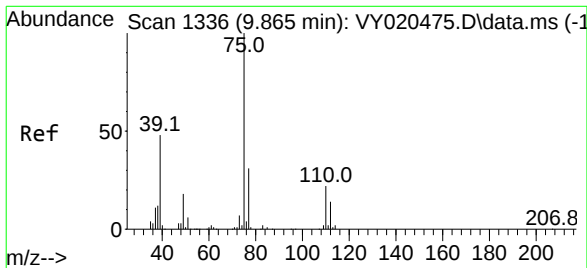
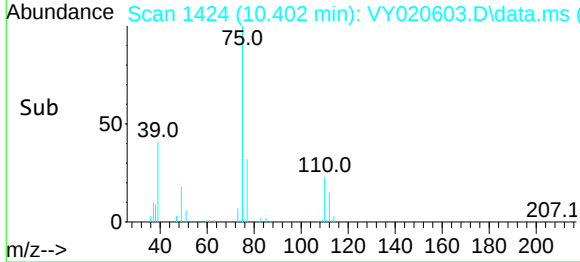
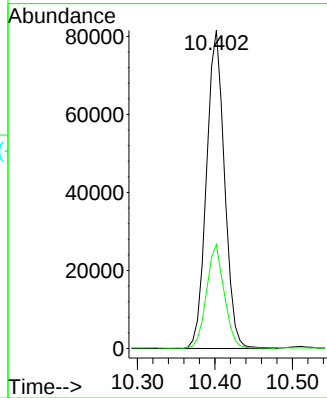
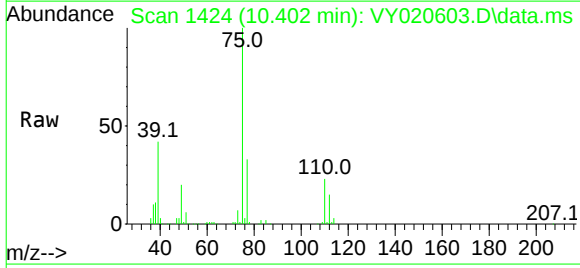




#53
t-1,3-Dichloropropene
Concen: 48.028 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

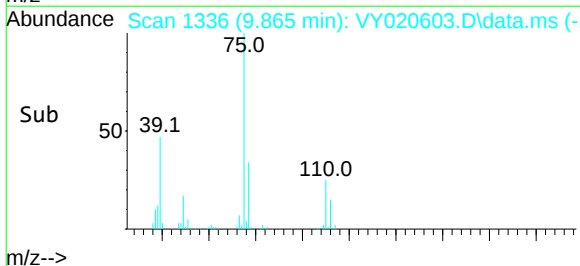
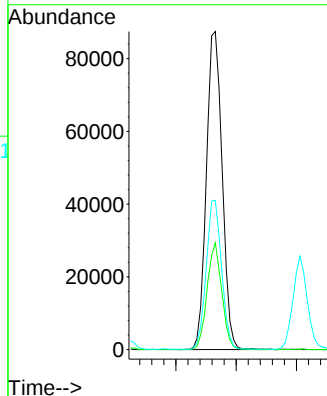
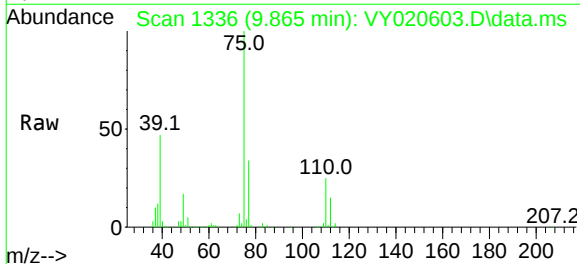
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

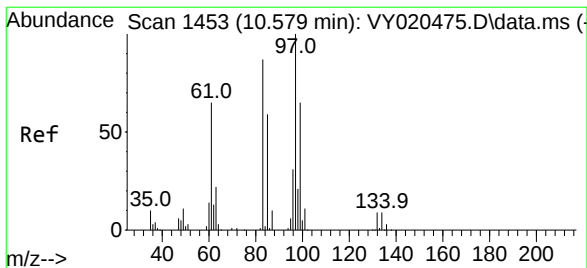
Tgt Ion: 75 Resp: 131715
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 49.123 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 75 Resp: 159213
Ion Ratio Lower Upper
75 100
77 33.6 25.0 37.4
39 46.8 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 50.908 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY020603.D

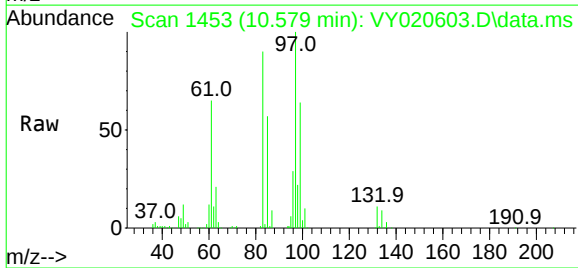
Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 70410

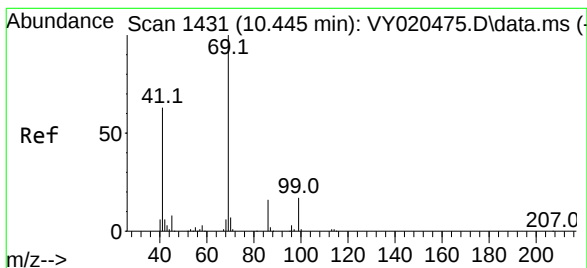
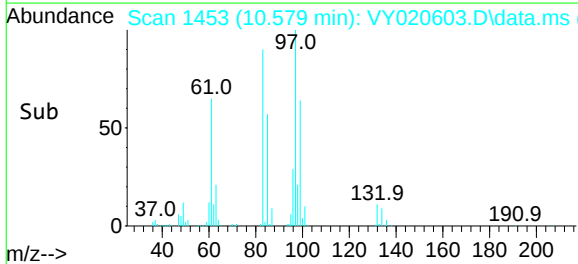
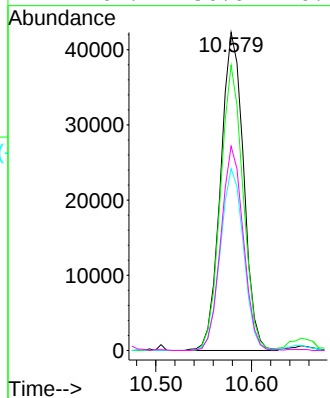
Ion Ratio Lower Upper

97 100

83 89.7 70.8 106.2

85 57.2 44.9 67.3

99 64.2 50.6 76.0



#56

Ethyl methacrylate

Concen: 53.129 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

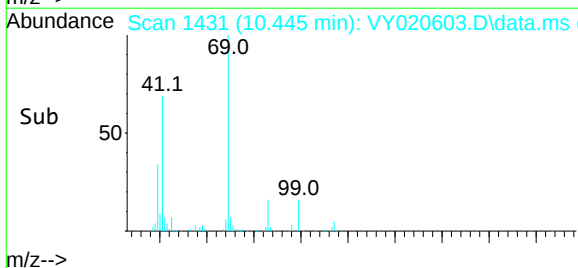
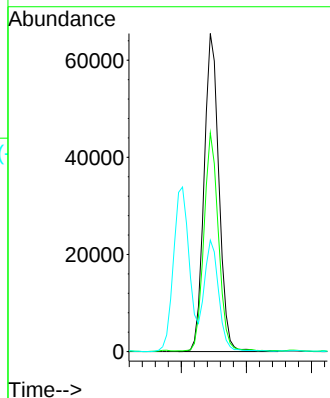
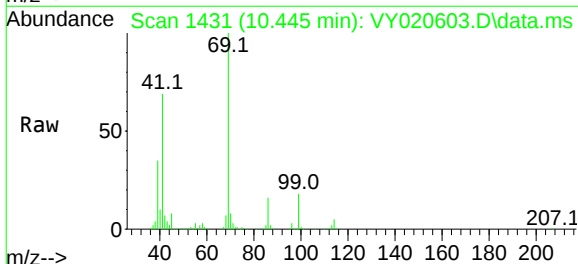
Tgt Ion: 69 Resp: 103971

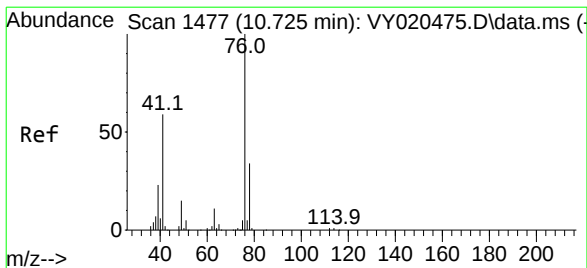
Ion Ratio Lower Upper

69 100

41 66.8 56.1 84.1

39 33.5 29.7 44.5





#57

1,3-Dichloropropane

Concen: 51.080 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

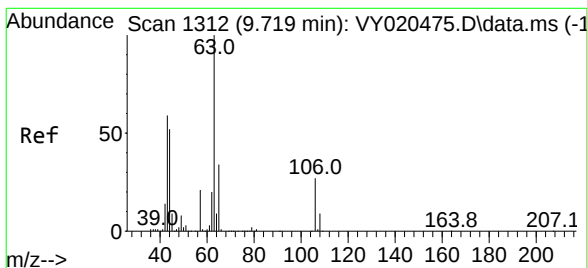
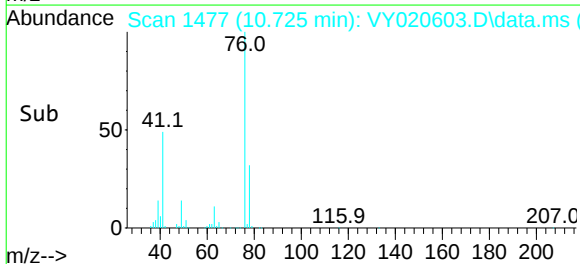
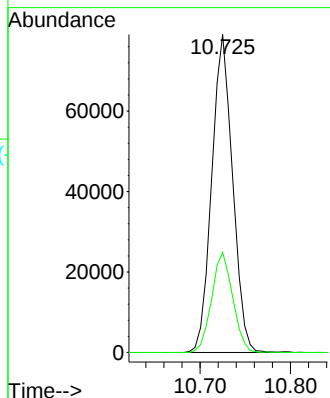
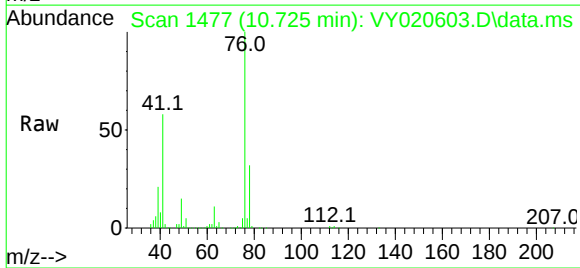
VSTDCCC050EC

Tgt Ion: 76 Resp: 126510

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 300.005 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VY020603.D

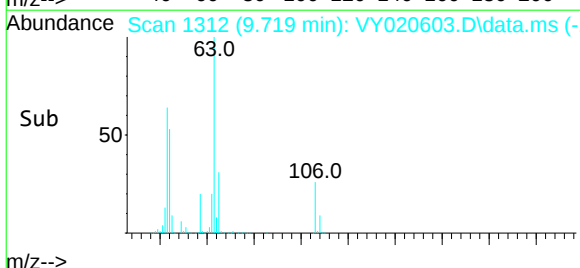
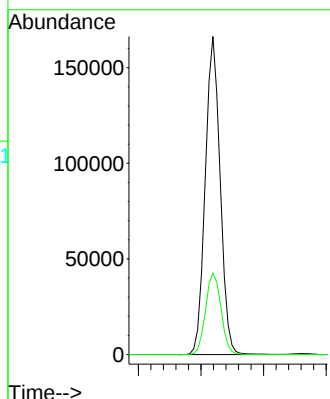
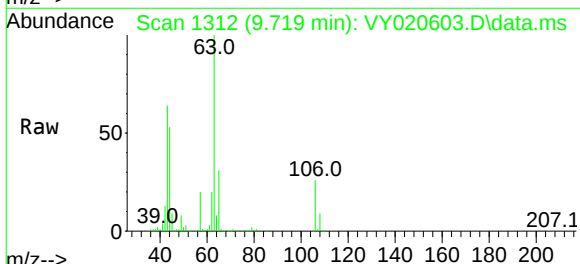
Acq: 13 Dec 2024 16:43

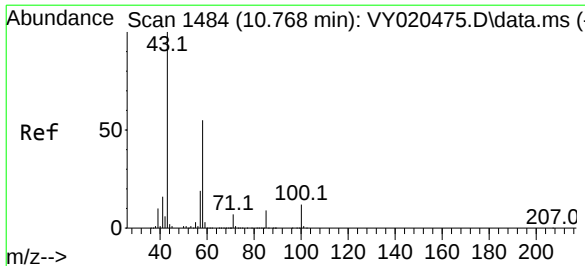
Tgt Ion: 63 Resp: 274886

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4





#59

2-Hexanone

Concen: 263.035 ug/l

RT: 10.768 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

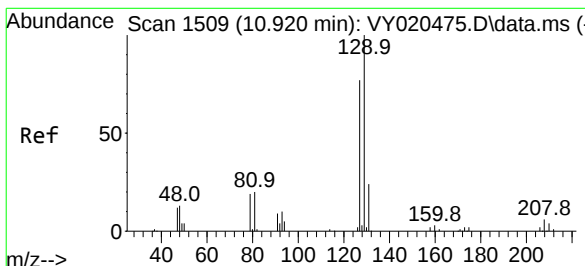
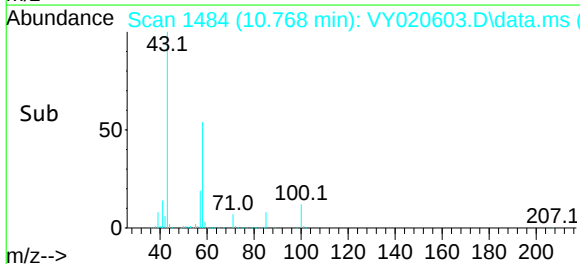
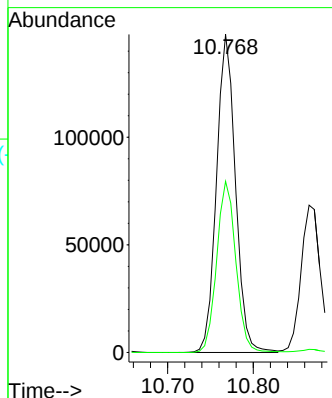
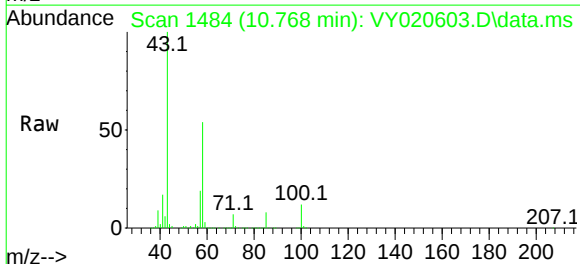
VSTDCCC050EC

Tgt Ion: 43 Resp: 227536

Ion Ratio Lower Upper

43 100

58 54.4 26.4 79.2



#60

Dibromochloromethane

Concen: 49.990 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VY020603.D

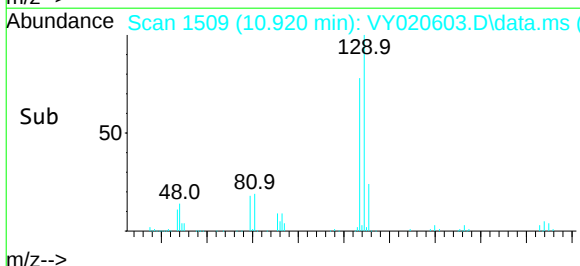
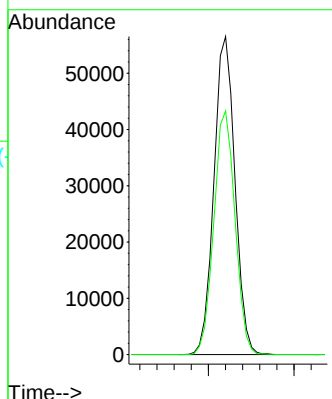
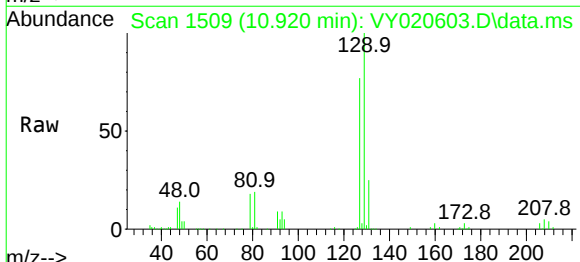
Acq: 13 Dec 2024 16:43

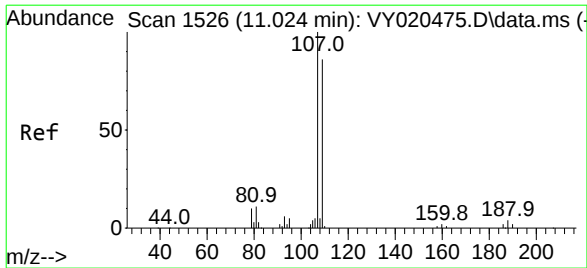
Tgt Ion: 129 Resp: 96261

Ion Ratio Lower Upper

129 100

127 77.3 38.3 114.9

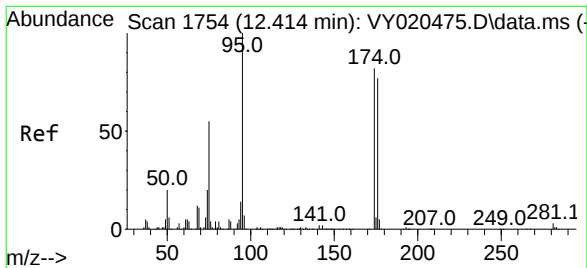
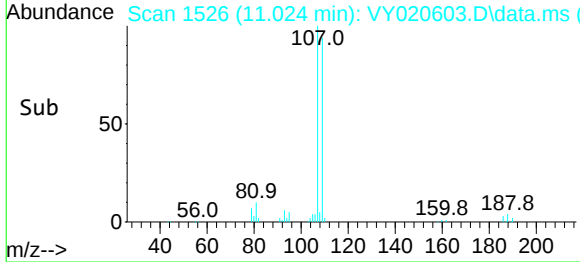
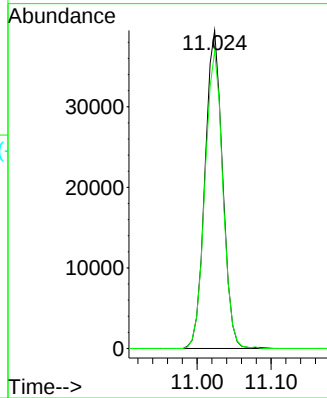
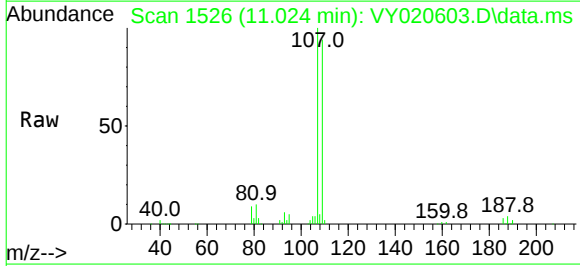




#61
1,2-Dibromoethane
Concen: 51.385 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

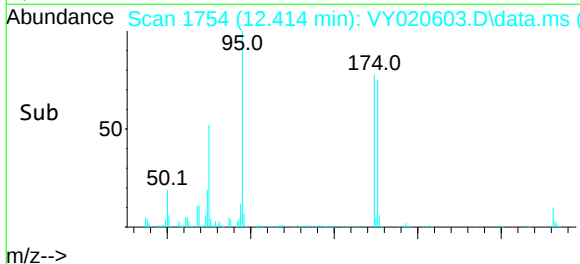
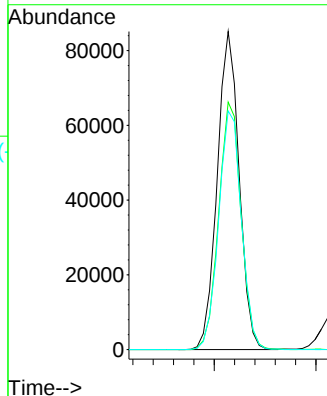
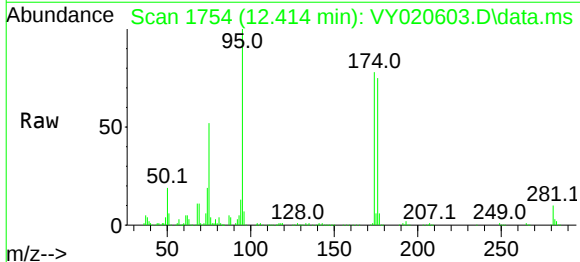
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

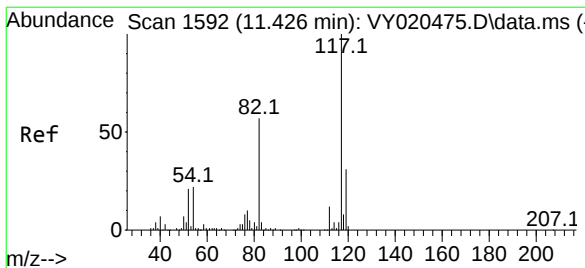
Tgt Ion:107 Resp: 64992
Ion Ratio Lower Upper
107 100
109 95.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 53.190 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 95 Resp: 127316
Ion Ratio Lower Upper
95 100
174 79.6 0.0 156.8
176 77.8 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

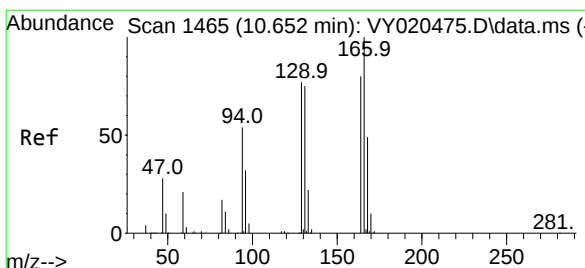
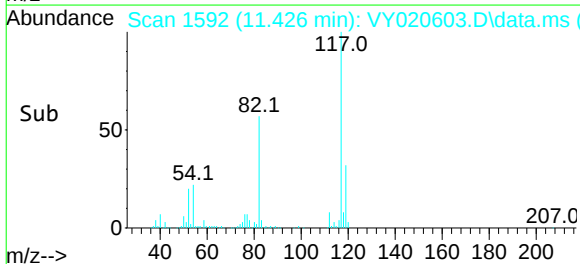
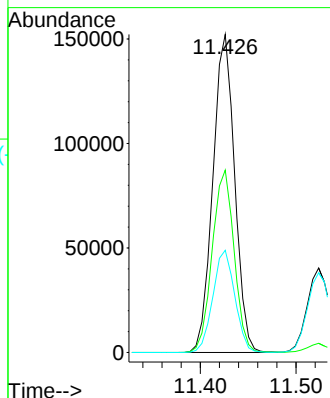
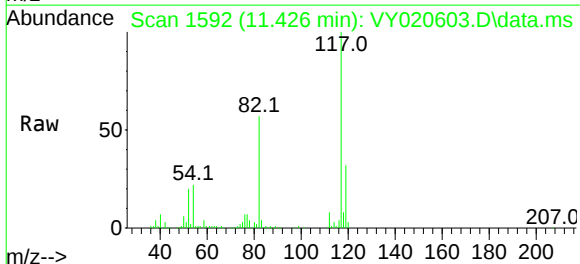
Tgt Ion:117 Resp: 240960

Ion Ratio Lower Upper

117 100

82 57.4 48.2 72.4

119 32.1 25.8 38.8



#64

Tetrachloroethene

Concen: 50.660 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Tgt Ion:164 Resp: 103146

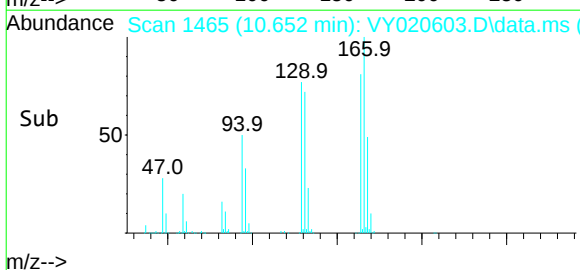
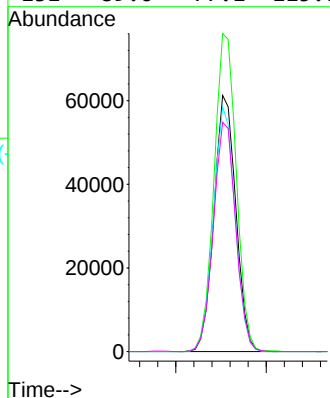
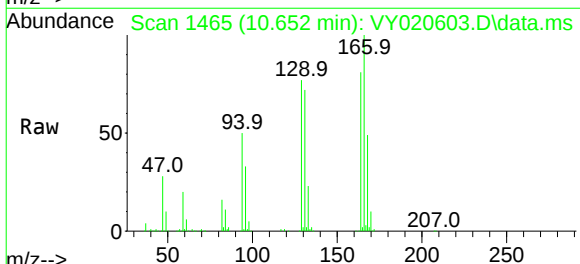
Ion Ratio Lower Upper

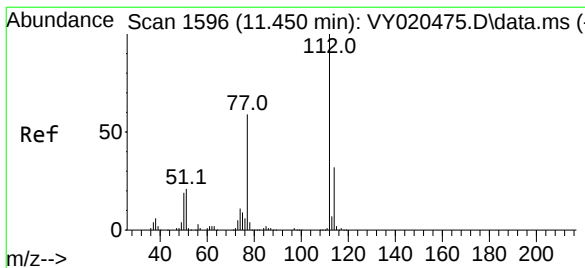
164 100

166 124.2 103.8 155.8

129 95.5 79.0 118.4

131 89.6 77.1 115.7





#65

Chlorobenzene

Concen: 45.762 ug/l

RT: 11.450 min Scan# 1596

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

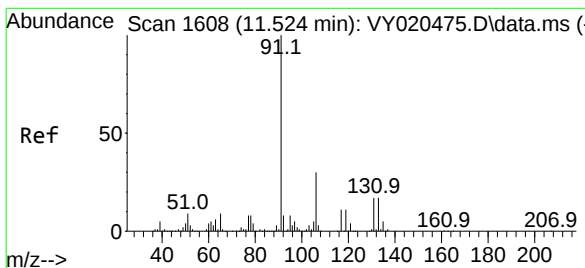
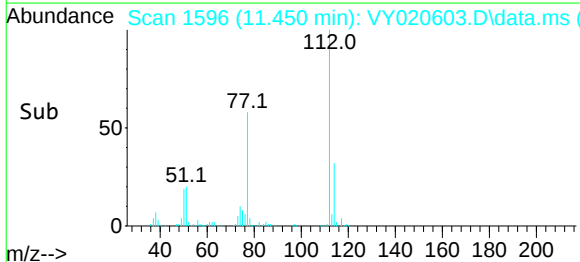
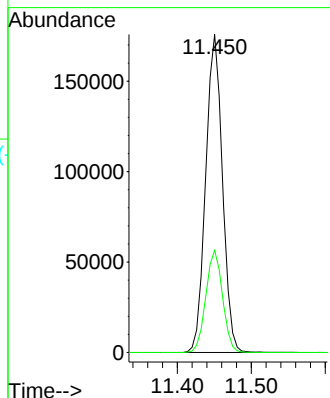
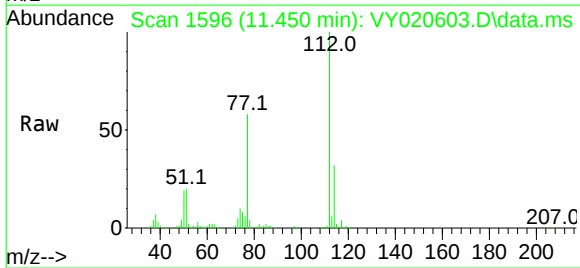
VSTDCCC050EC

Tgt Ion:112 Resp: 276391

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 45.965 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

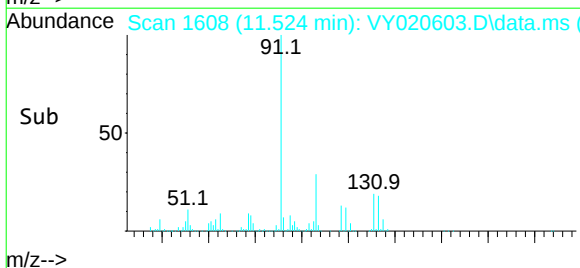
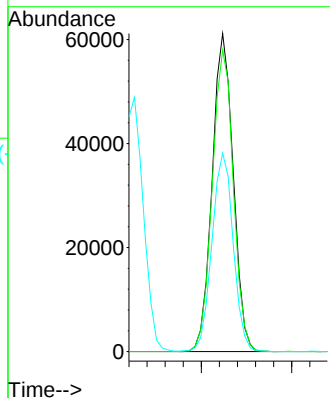
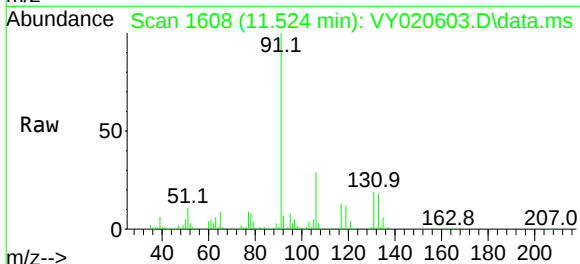
Tgt Ion:131 Resp: 98456

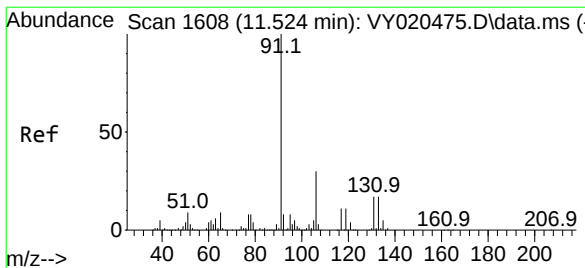
Ion Ratio Lower Upper

131 100

133 95.6 47.8 143.3

119 63.2 32.5 97.5





#67

Ethyl Benzene

Concen: 44.191 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

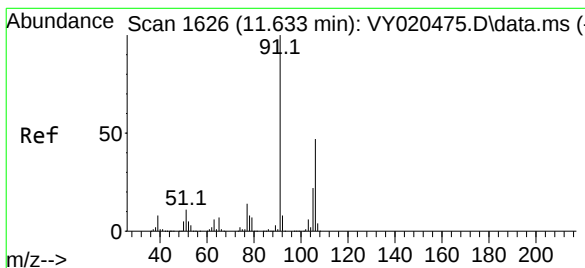
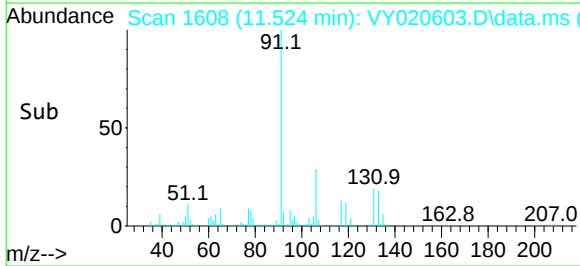
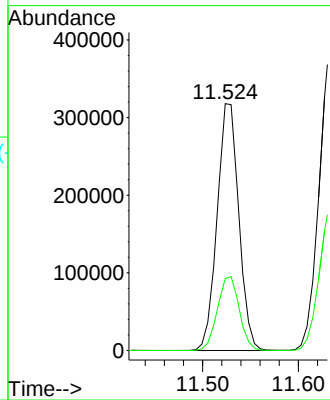
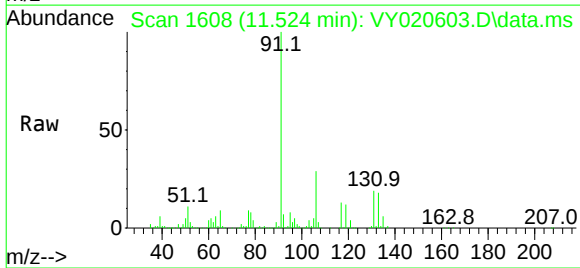
VSTDCCC050EC

Tgt Ion: 91 Resp: 500290

Ion Ratio Lower Upper

91 100

106 29.1 23.9 35.9



#68

m/p-Xylenes

Concen: 88.295 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020603.D

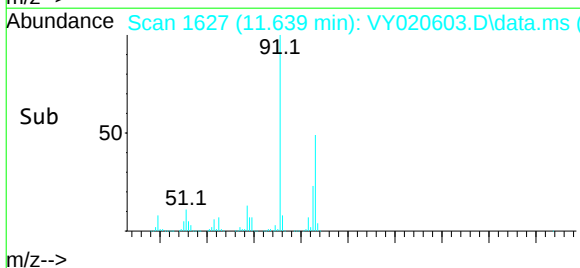
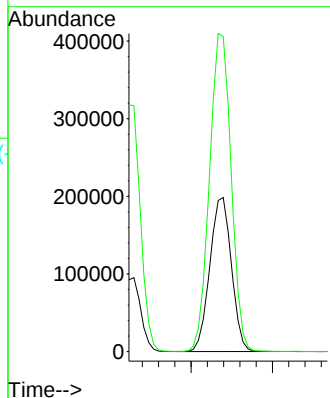
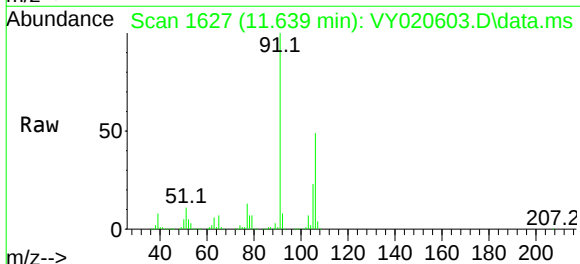
Acq: 13 Dec 2024 16:43

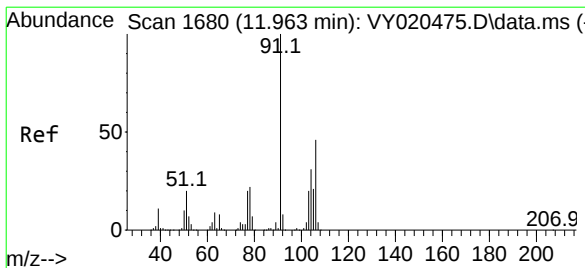
Tgt Ion:106 Resp: 366022

Ion Ratio Lower Upper

106 100

91 207.0 166.0 249.0





#69

o-Xylene

Concen: 45.591 ug/l

RT: 11.963 min Scan# 1680

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

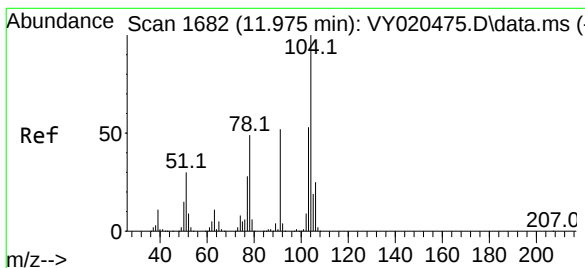
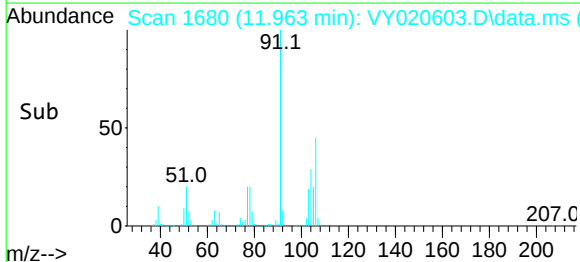
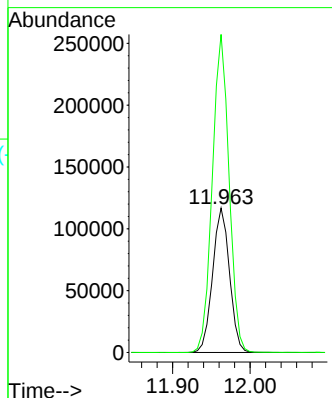
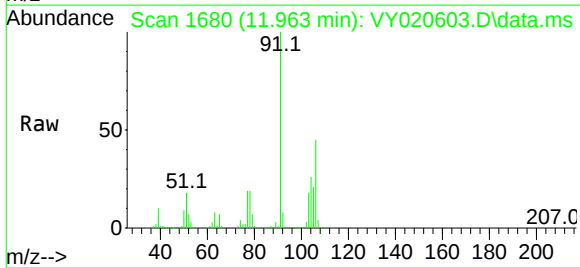
VSTDCCC050EC

Tgt Ion:106 Resp: 177060

Ion Ratio Lower Upper

106 100

91 218.0 110.0 330.0



#70

Styrene

Concen: 46.199 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

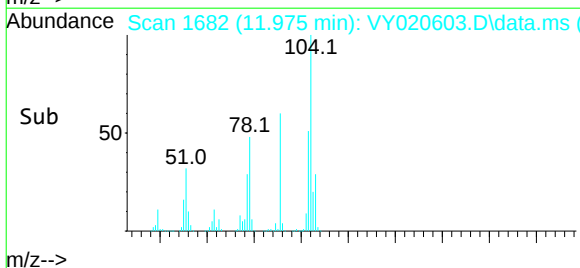
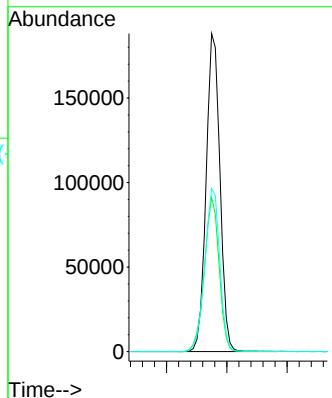
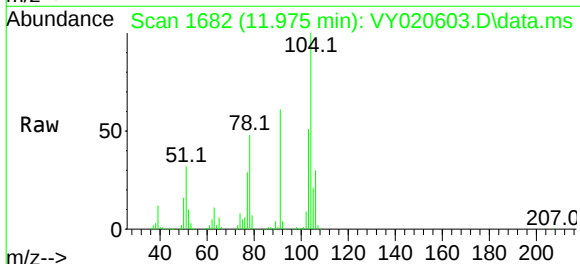
Tgt Ion:104 Resp: 299340

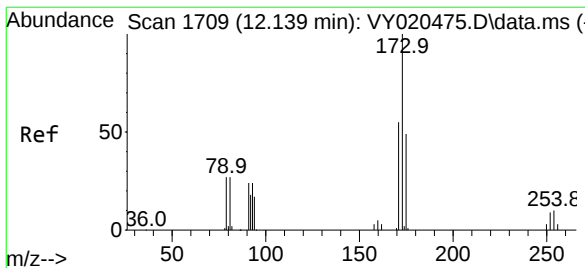
Ion Ratio Lower Upper

104 100

78 51.8 41.4 62.2

103 55.3 44.2 66.4





#71

Bromoform

Concen: 50.434 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

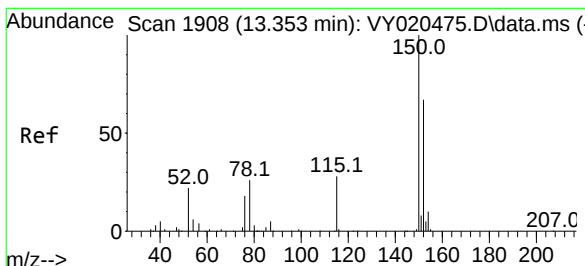
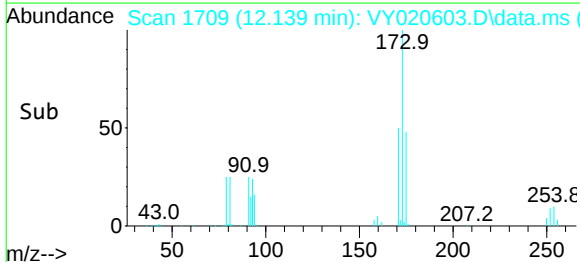
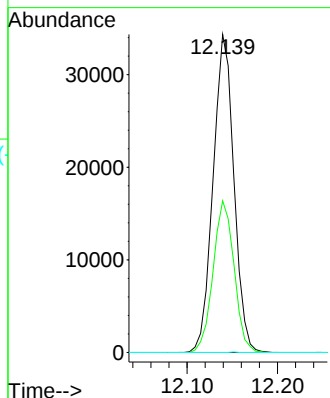
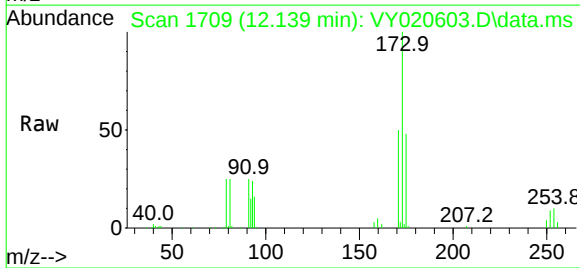
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	173	Resp:	54924
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.3	73.0
254	0.0	0.1	0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

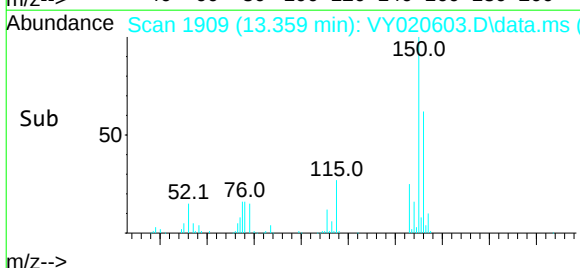
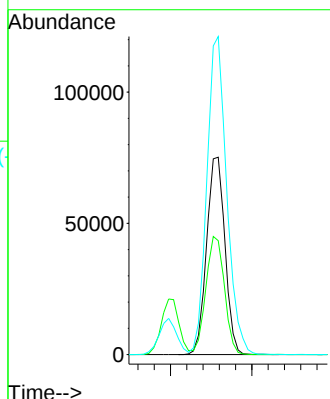
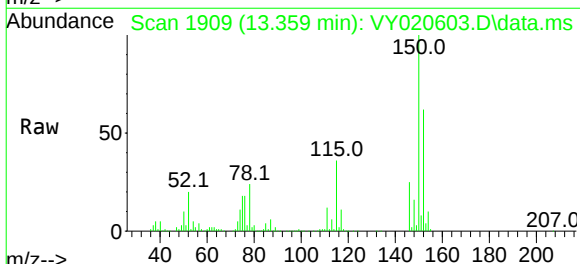
RT: 13.359 min Scan# 1909

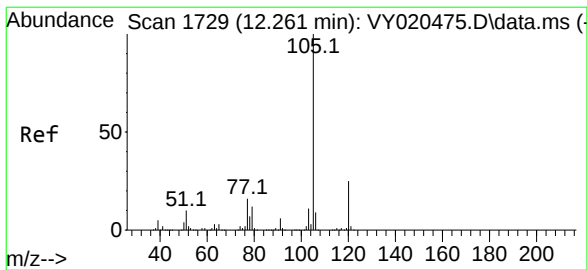
Delta R.T. 0.006 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Tgt Ion:	152	Resp:	117929
Ion Ratio	Lower	Upper	
152	100		
115	60.1	30.0	90.0
150	174.1	0.0	348.2





#73

Isopropylbenzene

Concen: 41.460 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

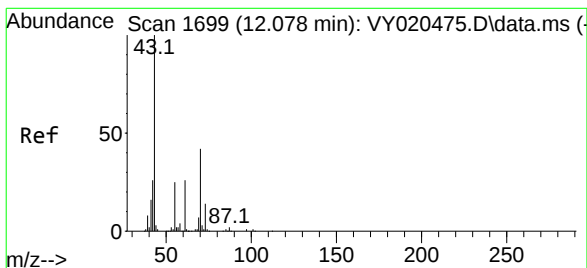
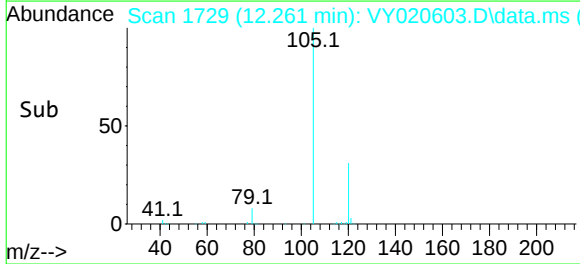
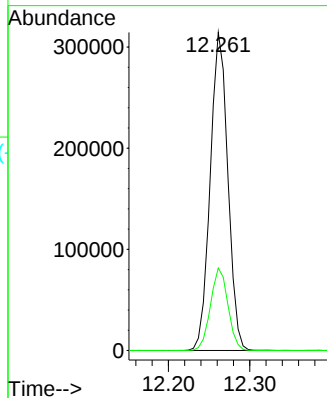
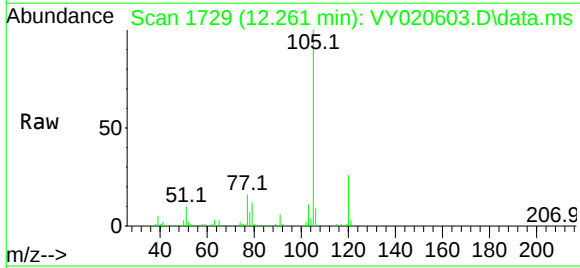
VSTDCCC050EC

Tgt Ion:105 Resp: 473074

Ion Ratio Lower Upper

105 100

120 25.6 12.7 38.1



#74

N-ethyl acetate

Concen: 50.461 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Tgt Ion: 43 Resp: 112851

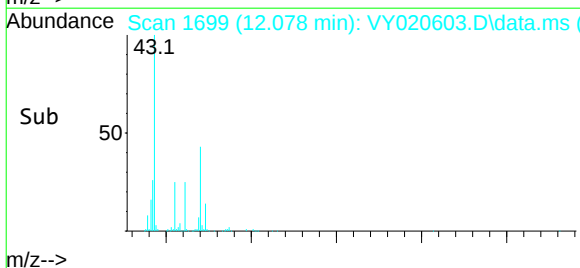
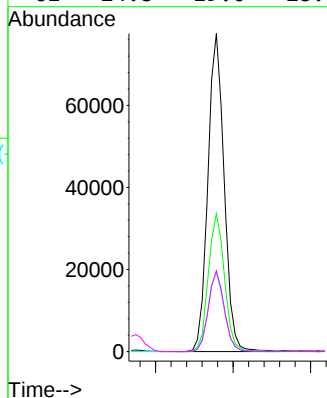
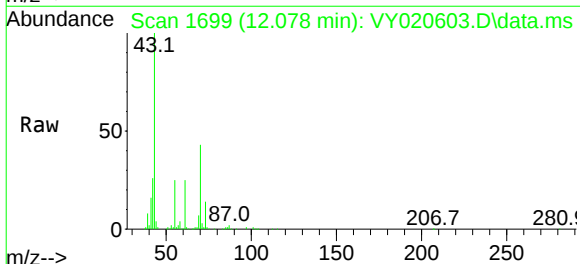
Ion Ratio Lower Upper

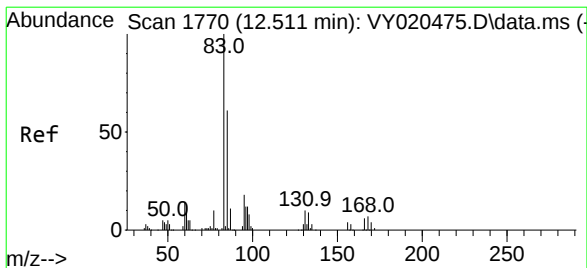
43 100

70 43.3 32.9 49.3

55 24.9 19.3 28.9

61 24.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.988 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

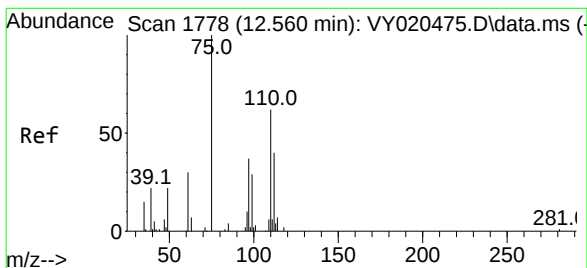
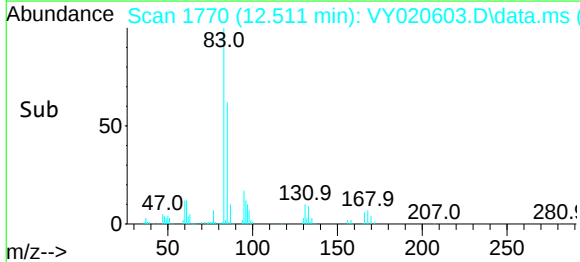
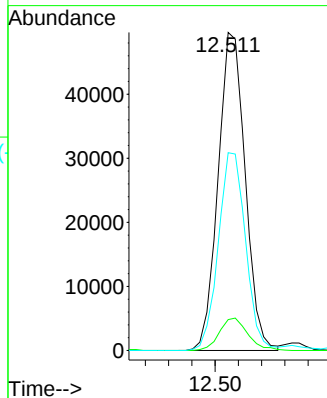
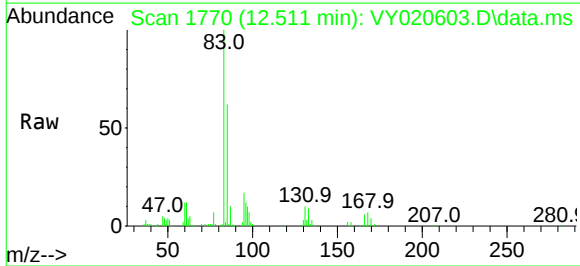
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	80384
Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.8	14.4
85	62.6	32.0	96.0



#76

1,2,3-Trichloropropane

Concen: 52.530 ug/l m

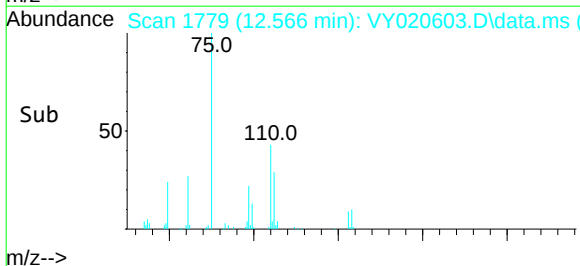
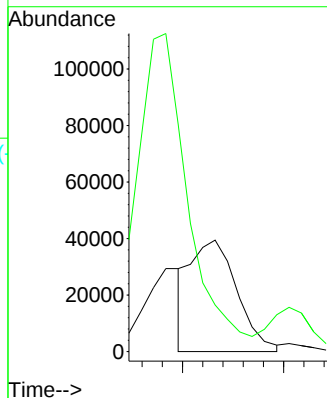
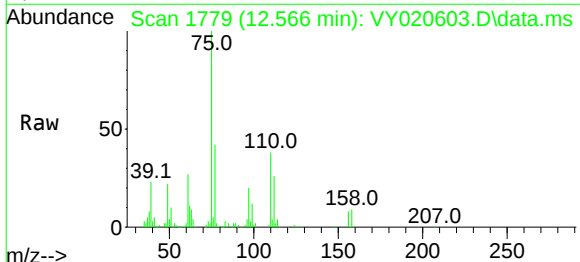
RT: 12.566 min Scan# 1779

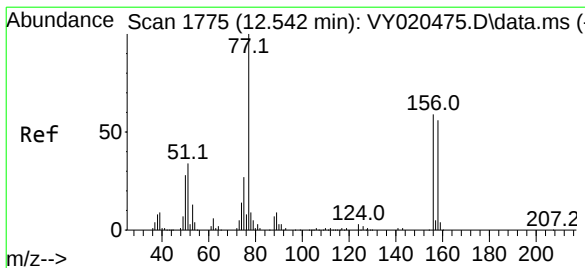
Delta R.T. 0.006 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Tgt Ion:	75	Resp:	63105
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 43.835 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

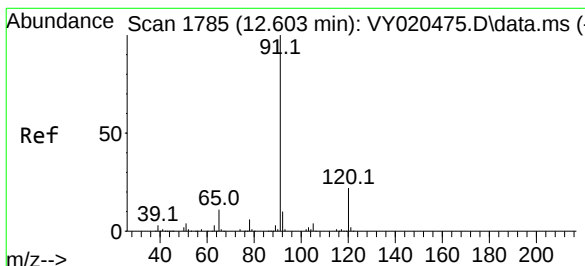
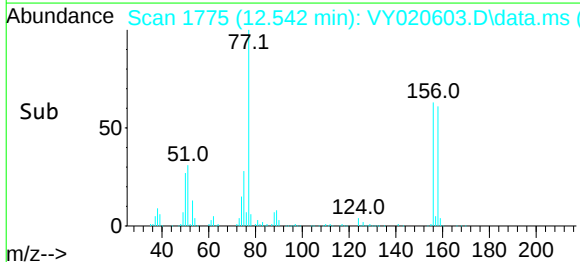
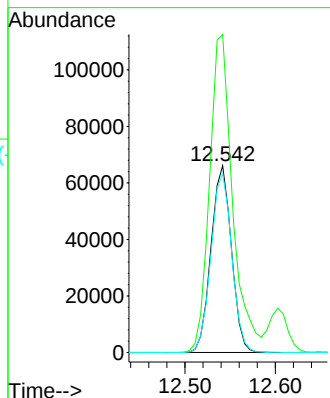
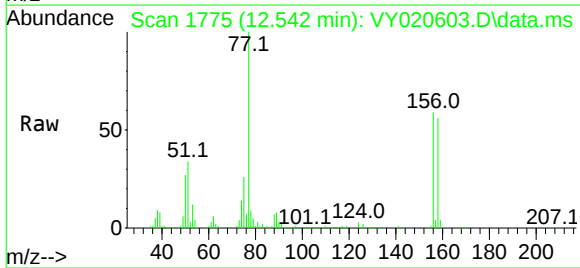
Tgt Ion: 156 Resp: 103580

Ion Ratio Lower Upper

156 100

77 192.4 97.2 291.6

158 97.9 47.8 143.4



#78

n-propylbenzene

Concen: 41.711 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY020603.D

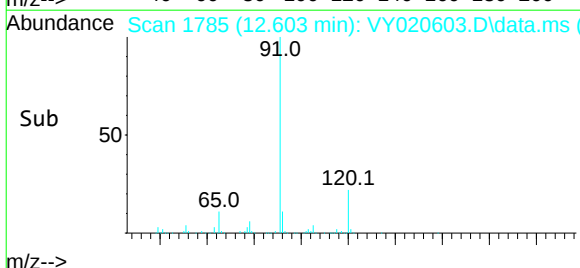
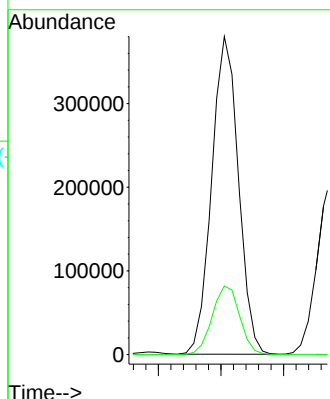
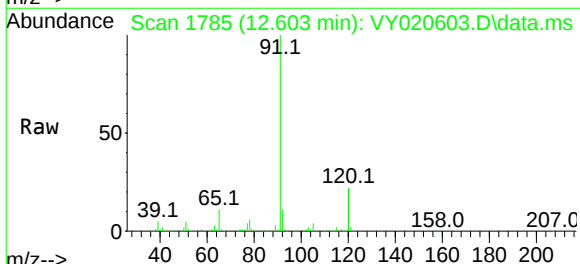
Acq: 13 Dec 2024 16:43

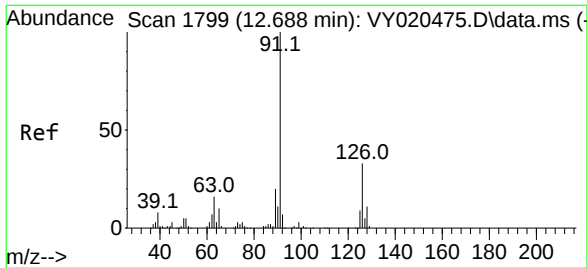
Tgt Ion: 91 Resp: 563498

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.6





#79

2-Chlorotoluene

Concen: 42.522 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

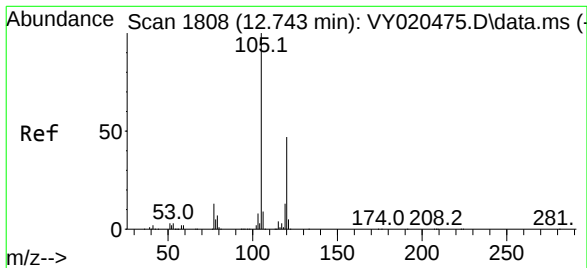
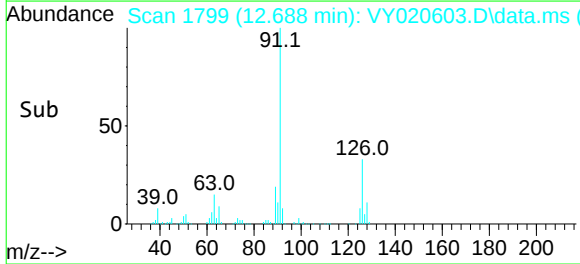
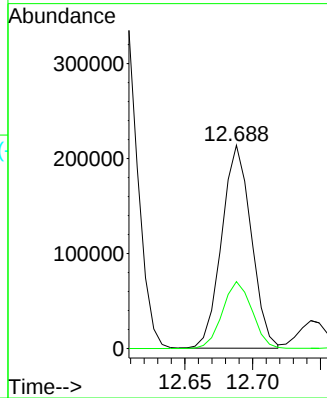
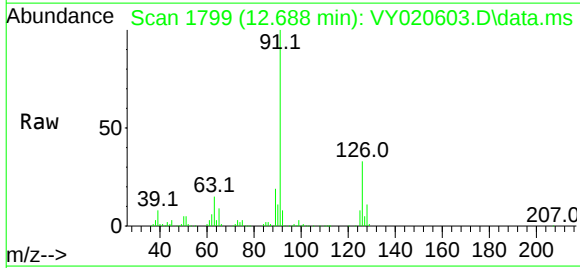
VSTDCCC050EC

Tgt Ion: 91 Resp: 324145

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 41.609 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY020603.D

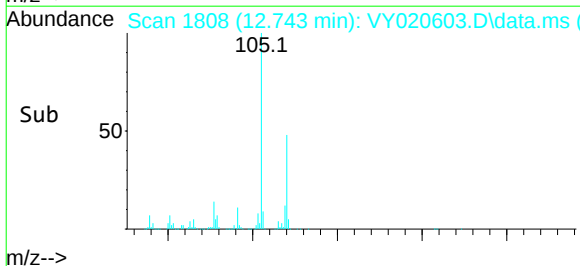
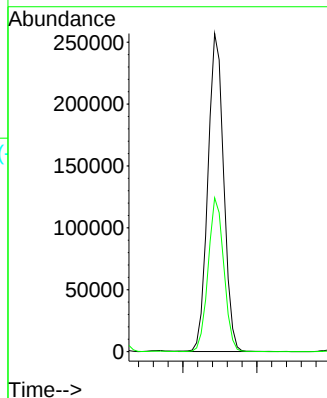
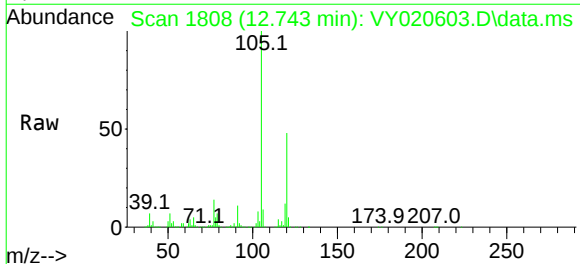
Acq: 13 Dec 2024 16:43

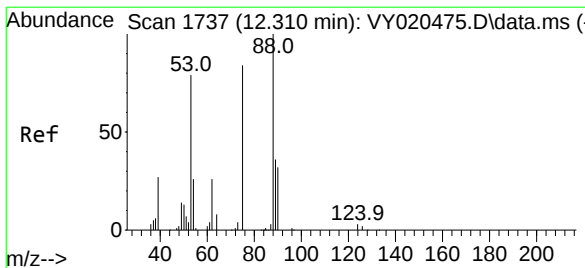
Tgt Ion:105 Resp: 380462

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8

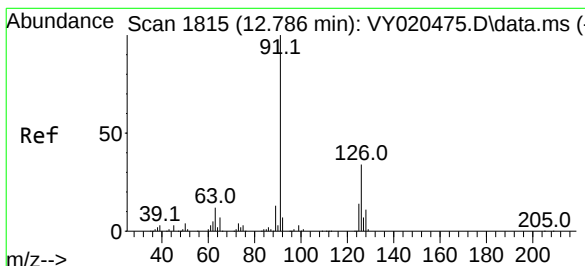
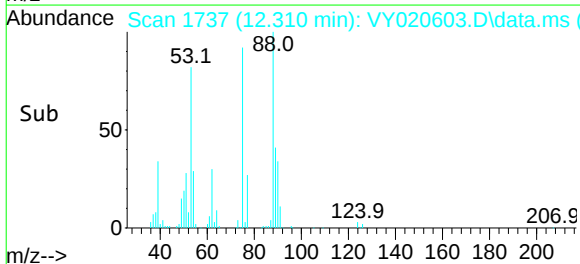
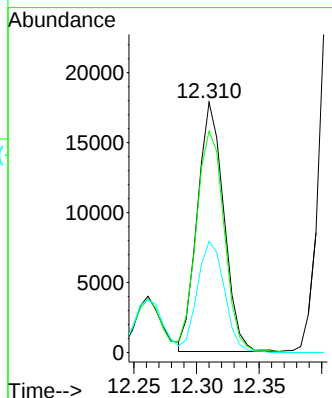
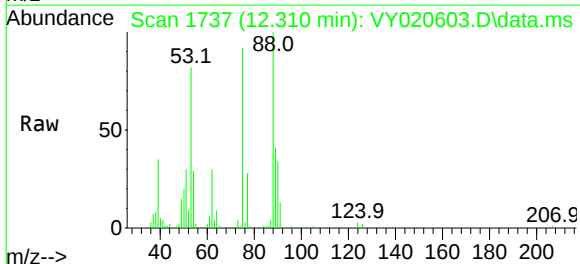




#81
trans-1,4-Dichloro-2-butene
Concen: 44.794 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

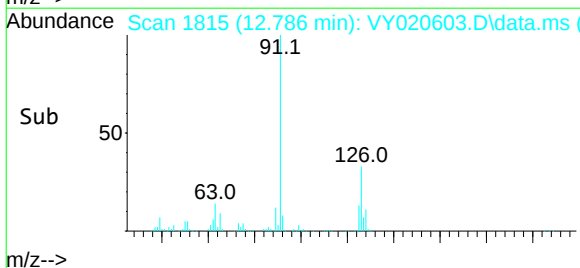
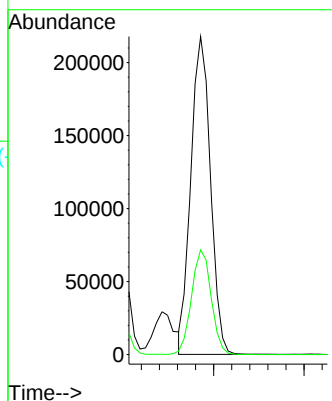
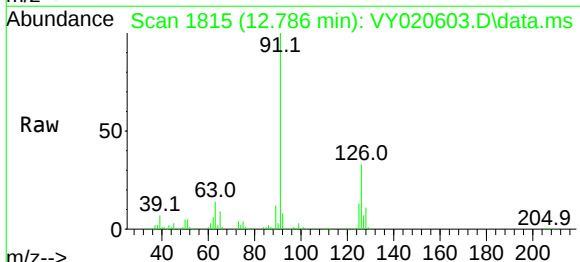
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

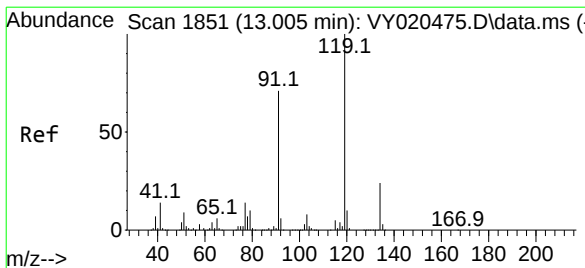
Tgt Ion:	75	Resp:	26226
Ion	Ratio	Lower	Upper
75	100		
53	94.9	81.1	121.7
89	45.7	35.1	52.7



#82
4-Chlorotoluene
Concen: 42.092 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion:	91	Resp:	327442
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.8





#83

tert-Butylbenzene

Concen: 41.191 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

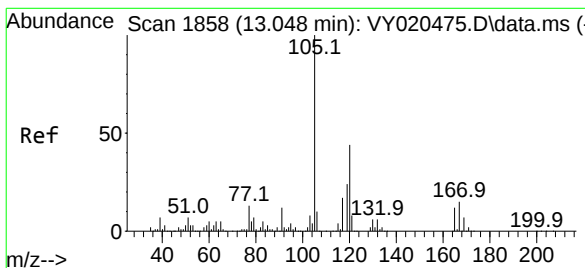
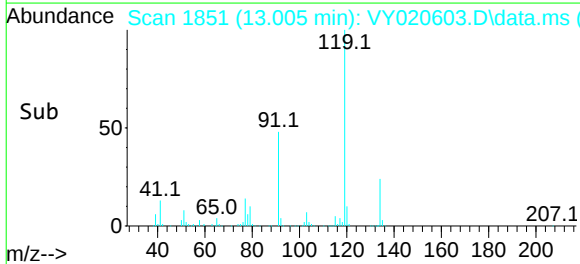
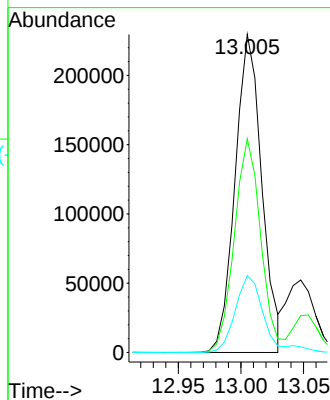
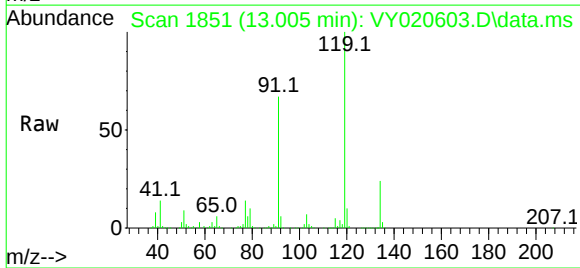
Tgt Ion:119 Resp: 340523

Ion Ratio Lower Upper

119 100

91 66.8 33.3 99.9

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 42.583 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020603.D

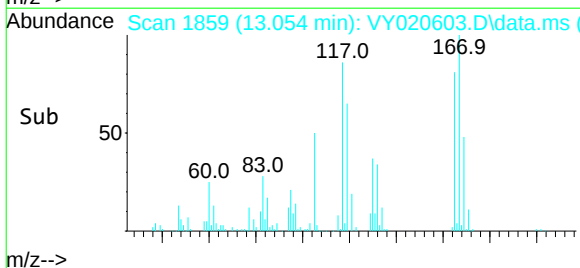
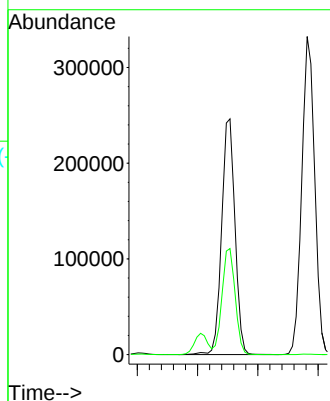
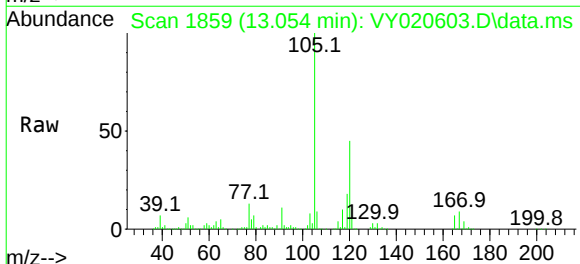
Acq: 13 Dec 2024 16:43

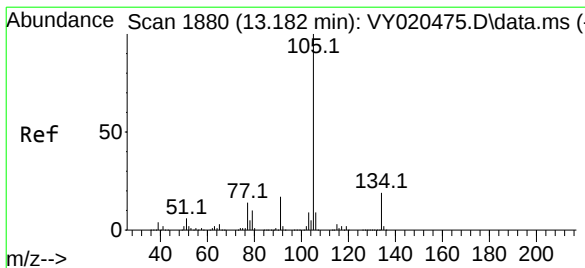
Tgt Ion:105 Resp: 378453

Ion Ratio Lower Upper

105 100

120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 41.715 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

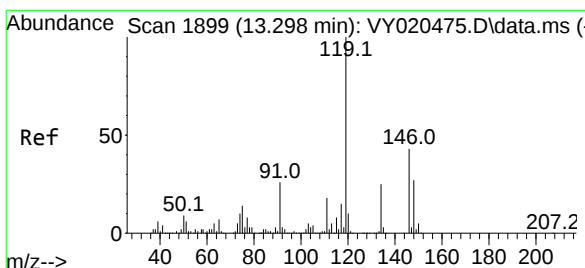
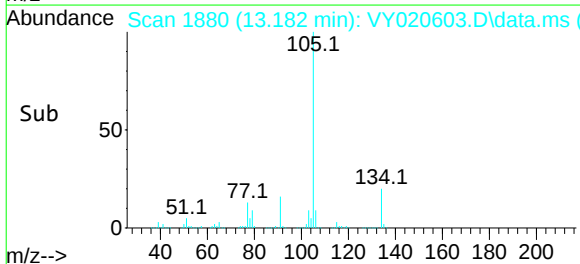
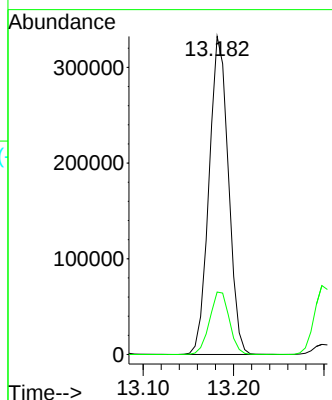
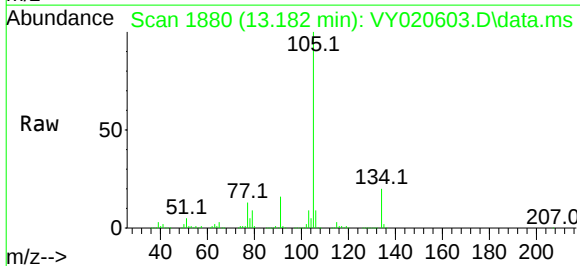
VSTDCCC050EC

Tgt Ion:105 Resp: 494218

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



#86

p-Isopropyltoluene

Concen: 41.920 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

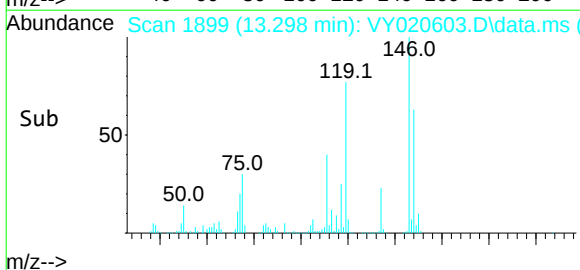
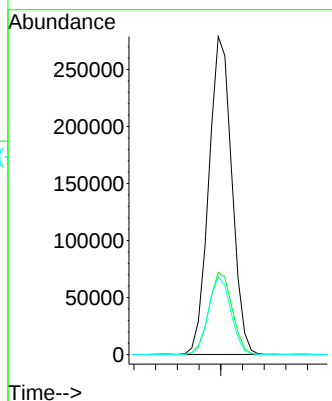
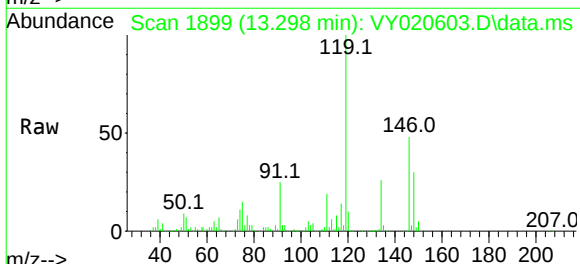
Tgt Ion:119 Resp: 410415

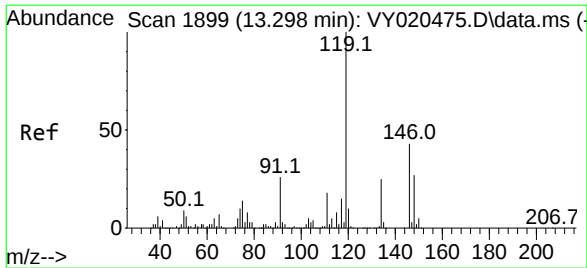
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.4

91 24.0 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 44.749 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

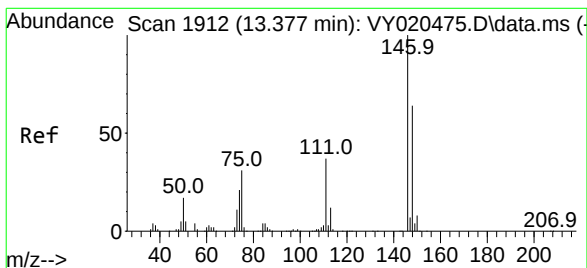
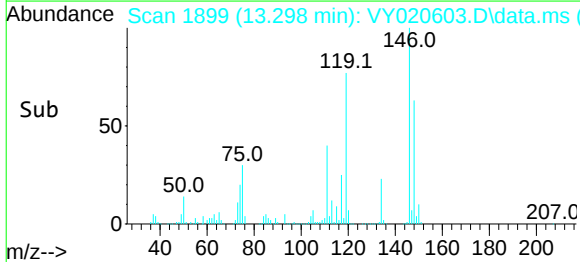
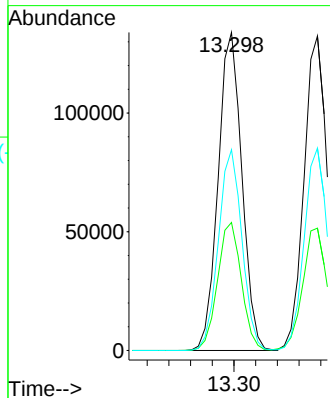
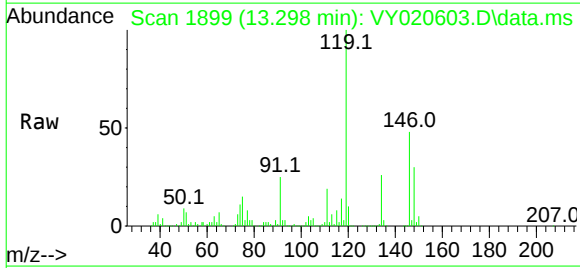
Tgt Ion:146 Resp: 203925

Ion Ratio Lower Upper

146 100

111 40.4 20.5 61.6

148 62.6 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 44.355 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

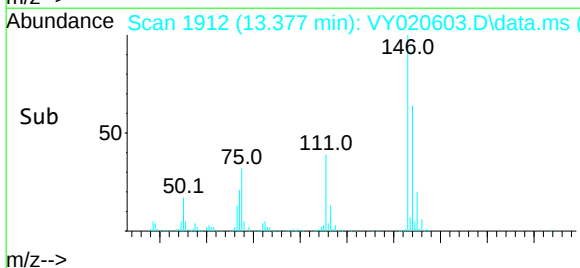
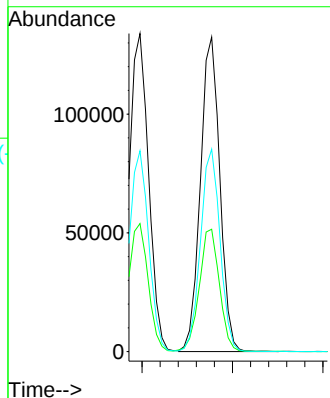
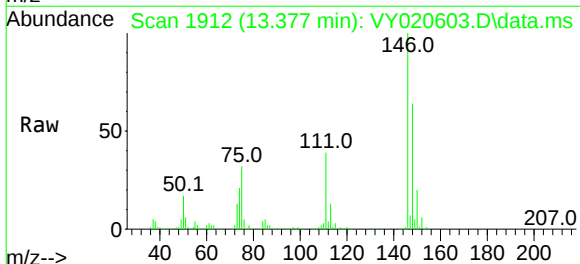
Tgt Ion:146 Resp: 197878

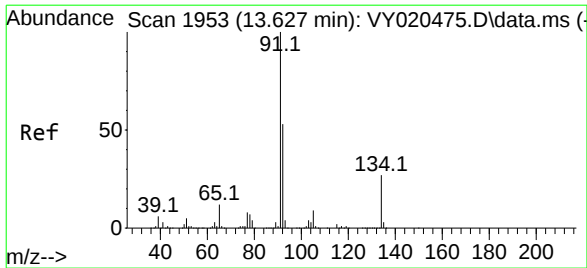
Ion Ratio Lower Upper

146 100

111 40.2 19.9 59.6

148 64.6 32.0 96.2





#89

n-Butylbenzene

Concen: 42.519 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

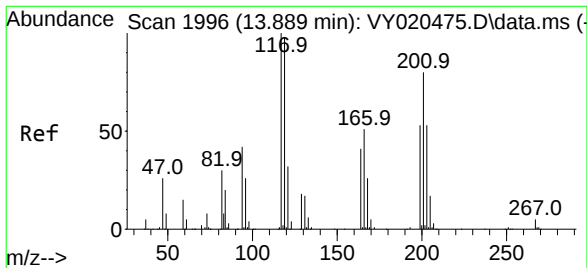
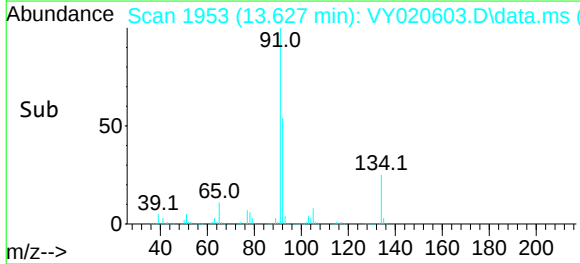
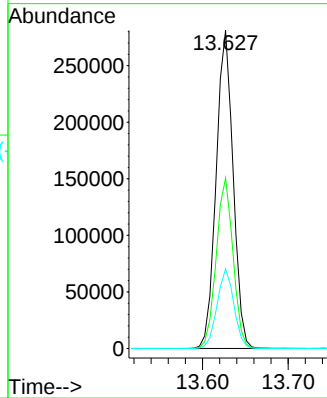
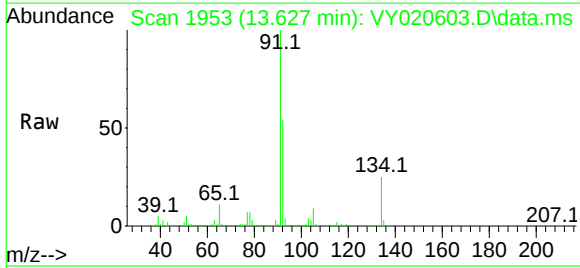
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	91	Resp:	386090
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	24.9	12.2	36.4



#90

Hexachloroethane

Concen: 43.324 ug/l

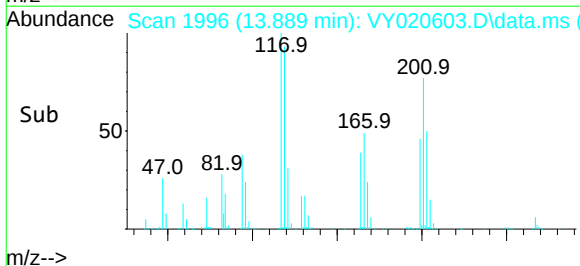
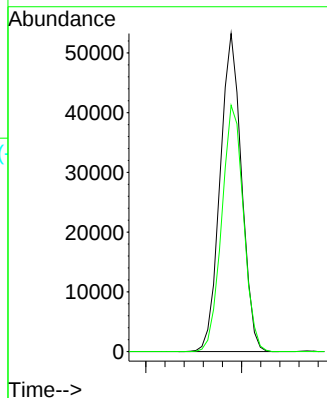
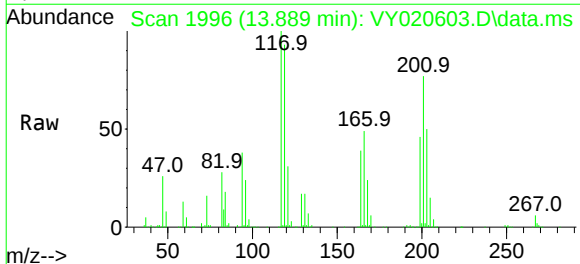
RT: 13.889 min Scan# 1996

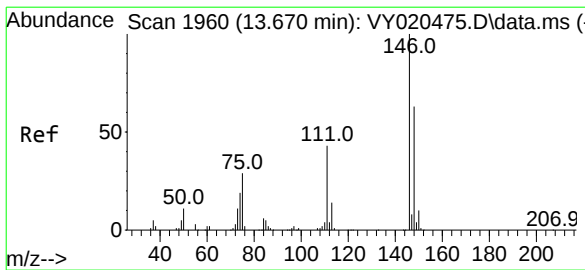
Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Tgt Ion:	117	Resp:	82662
Ion	Ratio	Lower	Upper
117	100		
201	78.6	37.1	111.3

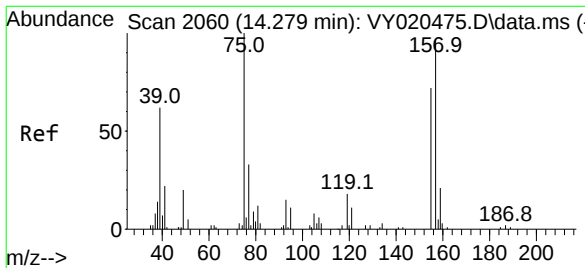
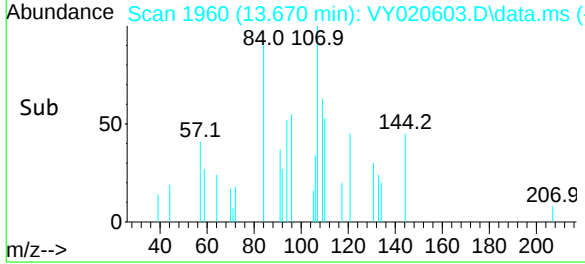
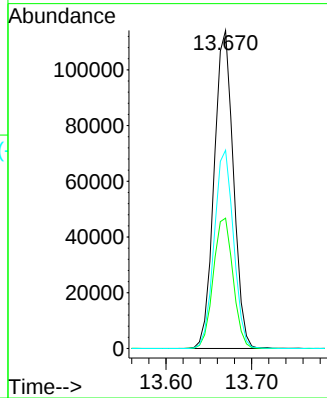
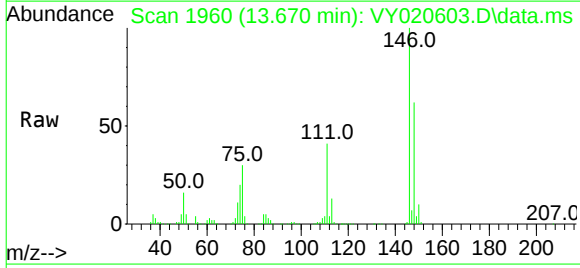




#91
1,2-Dichlorobenzene
Concen: 46.114 ug/l
RT: 13.670 min Scan# 19
Delta R.T. -0.000 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

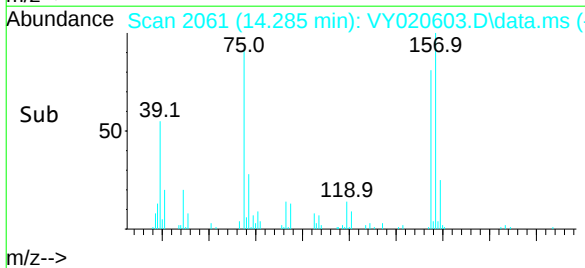
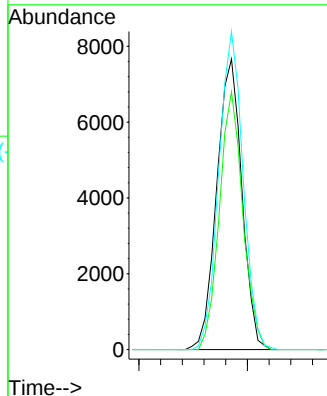
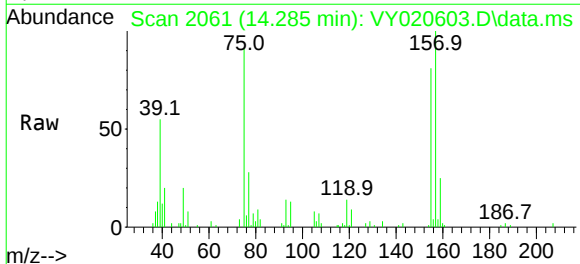
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

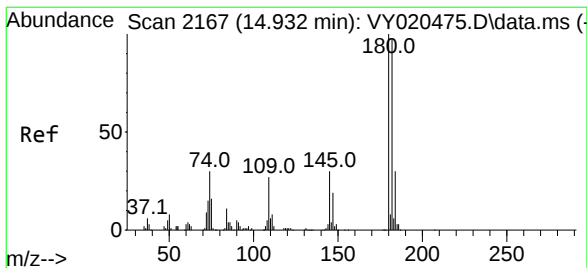
Tgt Ion:146 Resp: 178211
Ion Ratio Lower Upper
146 100
111 42.0 20.8 62.5
148 62.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.527 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020603.D
Acq: 13 Dec 2024 16:43

Tgt Ion: 75 Resp: 12303
Ion Ratio Lower Upper
75 100
155 82.9 39.7 119.1
157 106.1 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 48.299 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

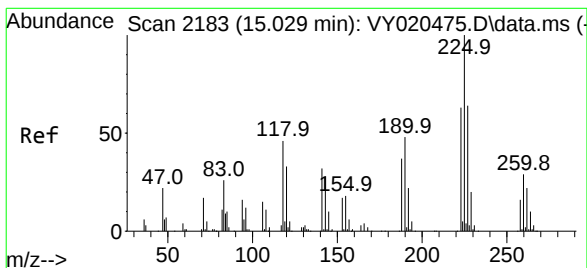
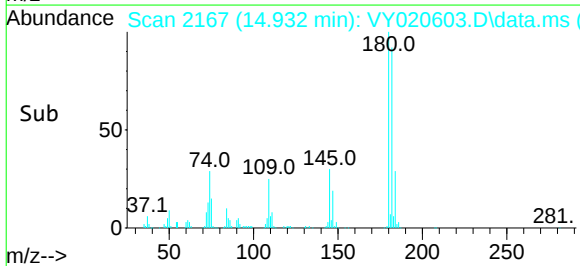
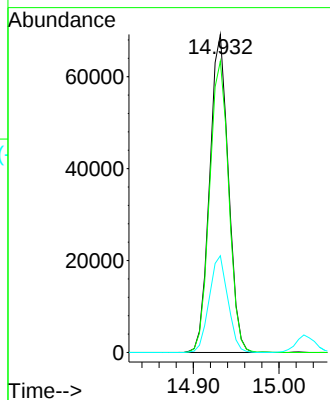
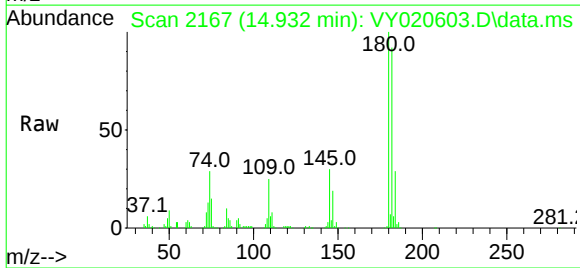
Tgt Ion:180 Resp: 104957

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.8

145 30.4 15.8 47.3



#94

Hexachlorobutadiene

Concen: 43.909 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

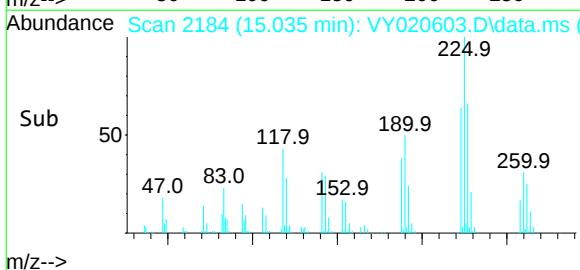
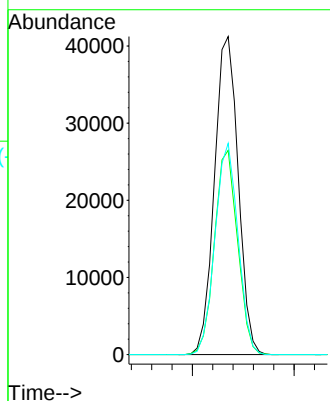
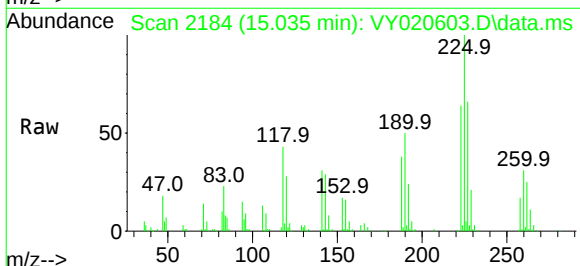
Tgt Ion:225 Resp: 66752

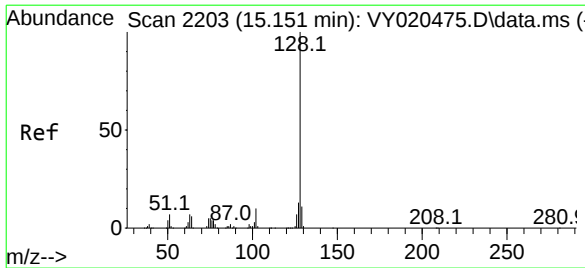
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.5

227 64.4 32.3 96.8





#95

Naphthalene

Concen: 52.477 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY020603.D

Acq: 13 Dec 2024 16:43

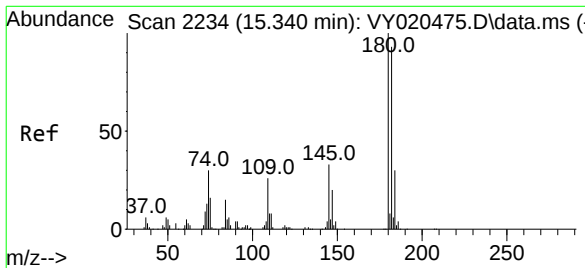
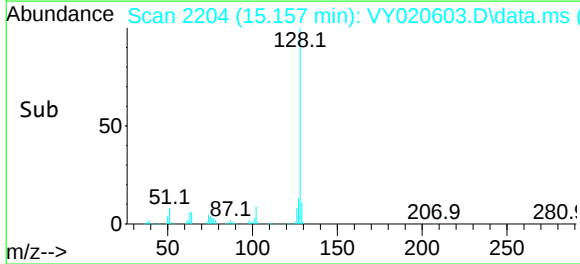
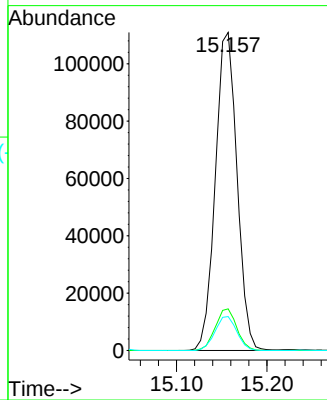
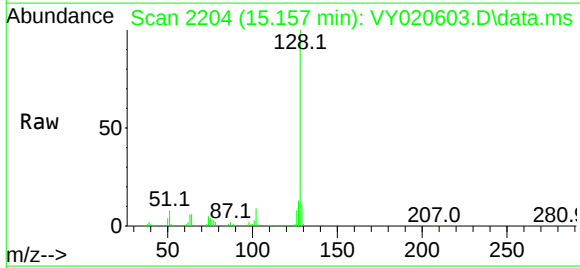
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	184537
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.169 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. -0.000 min

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Tgt Ion:	180	Resp:	87969
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.4	142.3
145	32.1	16.9	50.6

